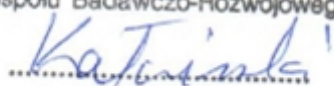


FLOKI/M/L/V1/2025/DOP

|    |                                                                                                                                                                                                                                                                               |                                                                                                                                |                        |                                            |     |                   |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------|-----|-------------------|
| 1. | Niepowtarzalny kod identyfikacyjny typu wyrobu:                                                                                                                                                                                                                               | FLOKI/M/L                                                                                                                      |                        |                                            |     |                   |
|    | Kategoria wyrobu                                                                                                                                                                                                                                                              | Typ                                                                                                                            | BE                     |                                            |     |                   |
| 2. | Zamierzone zastosowanie lub zastosowania:                                                                                                                                                                                                                                     | Ogrzewanie pomieszczeń w budynkach                                                                                             |                        |                                            |     |                   |
| 3. | Producent:                                                                                                                                                                                                                                                                    | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |                        |                                            |     |                   |
| 4. | Upoważniony przedstawiciel                                                                                                                                                                                                                                                    | -                                                                                                                              |                        |                                            |     |                   |
| 5. | System(-y) oceny i weryfikacji stałości właściwości użytkowych:                                                                                                                                                                                                               | System 3                                                                                                                       |                        |                                            |     |                   |
| 6. | Zastosowane zharmonizowane specyfikacje techniczne                                                                                                                                                                                                                            | EN 16510-2-2:2023-06                                                                                                           |                        |                                            |     |                   |
|    | Sprawozdanie z badań nr.                                                                                                                                                                                                                                                      | CUE.4032.041.1.2024.LG060                                                                                                      |                        |                                            |     |                   |
|    | Jednostka lub jednostki notyfikowane                                                                                                                                                                                                                                          | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |                        |                                            |     |                   |
| 7. | Bezpieczeństwo pożarowe                                                                                                                                                                                                                                                       | Spełnia                                                                                                                        |                        |                                            |     |                   |
|    | Wytrzymałość mechaniczna kanałów spalin i czopucha                                                                                                                                                                                                                            | Spełnia                                                                                                                        |                        |                                            |     |                   |
|    | Temperatura powierzchni zewnętrznych                                                                                                                                                                                                                                          | Spełnia                                                                                                                        |                        |                                            |     |                   |
|    | Bezpieczeństwo elektryczne                                                                                                                                                                                                                                                    | NPD                                                                                                                            |                        |                                            |     |                   |
|    | Uwalnianie materiałów niebezpiecznych                                                                                                                                                                                                                                         | NPD                                                                                                                            |                        |                                            |     |                   |
|    |                                                                                                                                                                                                                                                                               | Przy nominalnej mocy cieplnej                                                                                                  |                        | Przy częściowym obciążeniu cieplnym        |     |                   |
|    | Emisja tlenku węgla                                                                                                                                                                                                                                                           | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 1033 mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
|    | Emisja tlenków azotu                                                                                                                                                                                                                                                          | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135 mg/m <sup>3</sup>  | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD | mg/m <sup>3</sup> |
|    | Emisja węglowodorów                                                                                                                                                                                                                                                           | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74 mg/m <sup>3</sup>   | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD | mg/m <sup>3</sup> |
|    | Emisja cząstek stałych                                                                                                                                                                                                                                                        | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28 mg/m <sup>3</sup>   | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
|    |                                                                                                                                                                                                                                                                               | Przy nominalnej mocy cieplnej                                                                                                  |                        | Przy częściowym obciążeniu cieplnym        |     |                   |
|    | Temperatura wyjściowa spalin                                                                                                                                                                                                                                                  | T <sub>snom</sub>                                                                                                              | 235 °C                 | T <sub>spart</sub>                         | NPD | °C                |
|    | Minimalny ciąg kominowy                                                                                                                                                                                                                                                       | P <sub>nom</sub>                                                                                                               | 12 Pa                  | P <sub>part</sub>                          | NPD | Pa                |
|    | Przepływ masy spalin                                                                                                                                                                                                                                                          | Φ <sub>f,g nom</sub>                                                                                                           | 9 g/s                  | Φ <sub>f,g part</sub>                      | NPD | g/s               |
|    |                                                                                                                                                                                                                                                                               | Przy nominalnej mocy cieplnej                                                                                                  |                        | Przy częściowym obciążeniu cieplnym        |     |                   |
|    | Moc cieplna                                                                                                                                                                                                                                                                   | P <sub>nom</sub>                                                                                                               | 10 kW                  | P <sub>part</sub>                          | NPD | kW                |
|    | Moc cieplna obiegu wodnego                                                                                                                                                                                                                                                    | P <sub>wnom</sub>                                                                                                              | NPD kW                 | P <sub>wpart</sub>                         | NPD | kW                |
|    | Sezonowa efektywność ogrzewania                                                                                                                                                                                                                                               | η <sub>nom</sub>                                                                                                               | 83.6 %                 | η <sub>part</sub>                          | NPD | %                 |
|    | Efektywność                                                                                                                                                                                                                                                                   | η <sub>s</sub>                                                                                                                 | 74 %                   |                                            |     |                   |
|    | Efektywność energetyczna                                                                                                                                                                                                                                                      | Wskaźnik efektywności energetycznej                                                                                            |                        | EEI                                        |     | 111               |
|    |                                                                                                                                                                                                                                                                               | Klasa efektywności energetycznej                                                                                               |                        | -                                          |     | A+                |
|    | Zużycie energii elektrycznej                                                                                                                                                                                                                                                  | el <sub>max</sub>                                                                                                              | NPD kW                 | el <sub>min</sub>                          | NPD | kW                |
|    | Zużycie energii elektrycznej w trybie czuwania                                                                                                                                                                                                                                | el <sub>SB</sub>                                                                                                               | kW                     |                                            |     |                   |
|    | Minimalna odległość od tyłu do materiału palnego                                                                                                                                                                                                                              | d <sub>R</sub>                                                                                                                 | 180 mm                 |                                            |     |                   |
|    | Minimalna odległość boków od materiału palnego                                                                                                                                                                                                                                | d <sub>S</sub>                                                                                                                 | 180 mm                 |                                            |     |                   |
|    | Minimalna odległość od góry do materiału palnego w suficie                                                                                                                                                                                                                    | d <sub>C</sub>                                                                                                                 | 800 mm                 |                                            |     |                   |
|    | Minimalna odległość od przodu do materiału palnego                                                                                                                                                                                                                            | d <sub>P</sub>                                                                                                                 | 1500 mm                |                                            |     |                   |
|    | Minimalne odległości od przodu do materiału palnego w dolnej przedniej strefie promieniowania                                                                                                                                                                                 | d <sub>F</sub>                                                                                                                 | 1500 mm                |                                            |     |                   |
|    | Minimalne odległości od przodu do materiału palnego w obszarze promieniowania bocznego przodu                                                                                                                                                                                 | d <sub>L</sub>                                                                                                                 | NPD mm                 |                                            |     |                   |
|    | Minimalna odległość od dna (nie licząc stóp) do materiału palnego                                                                                                                                                                                                             | d <sub>B</sub>                                                                                                                 | 0 mm                   |                                            |     |                   |
|    | Zrównoważony rozwój środowiska                                                                                                                                                                                                                                                | NPD                                                                                                                            |                        |                                            |     |                   |
|    | Właściwości użytkowe określonego powyżej wyrobu są zgodne z zestawem deklarowanych właściwości użytkowych. Niniejsza deklaracja właściwości użytkowych wydana zostaje zgodnie z rozporządzeniem (UE) nr 305/2011 na wyłączną odpowiedzialność producenta określonego powyżej. |                                                                                                                                |                        |                                            |     |                   |

W imieniu producenta podpisał(-a):  
Kierownik zespołu badawczo-rozwojowego Sylwester Kałwiński

Kierownik  
Zespołu Badawczo-Rozwojowego  


Wsola 2025-11-22

FLOKI/M/L/V1/2025/DOP

|                                                                          |                                                                                                                                |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. Unique identification code of the product type:                       | FLOKI/M/L                                                                                                                      |
| Product type                                                             | Type BE                                                                                                                        |
| 2. Intended use(s):                                                      | Heating of rooms in buildings                                                                                                  |
| 3. Manufacturer:                                                         | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |
| 4. Authorised representative                                             | -                                                                                                                              |
| 5. System(s) of assessment and verification of constancy of performance: | System 3                                                                                                                       |
| 6. Harmonised technical specifications used                              | EN 16510-2-2:2023-06                                                                                                           |
| Test report no.                                                          | CUE.4032.041.1.2024.LG060                                                                                                      |
| Notified body/ies                                                        | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |

|    |                                                 |          |
|----|-------------------------------------------------|----------|
| 7. | Fire safety                                     | Complies |
|    | Mechanical strength of flue gas ducts and flues | Complies |
|    | External surface temperature                    | Complies |
|    | Electrical safety                               | NPD      |
|    | Release of hazardous materials                  | NPD      |

|                              | At nominal heat output                    |      |                   | At part load heat output                   |     |                   |
|------------------------------|-------------------------------------------|------|-------------------|--------------------------------------------|-----|-------------------|
| Carbon monoxide emissions    | CO <sub>nom</sub> (13% O <sub>2</sub> )   | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
| Nitrogen oxides emissions    | NO <sub>x nom</sub> (13% O <sub>2</sub> ) | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD | mg/m <sup>3</sup> |
| Hydrocarbons emissions       | OGC <sub>nom</sub> (13% O <sub>2</sub> )  | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD | mg/m <sup>3</sup> |
| Particulate matter emissions | PM <sub>nom</sub> (13% O <sub>2</sub> )   | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |

|                             | At nominal heat output |     |     | At part load heat output |     |     |
|-----------------------------|------------------------|-----|-----|--------------------------|-----|-----|
| Flue gas outlet temperature | T <sub>snom</sub>      | 235 | °C  | T <sub>spart</sub>       | NPD | °C  |
| Minimum chimney draught     | P <sub>nom</sub>       | 12  | Pa  | P <sub>part</sub>        | NPD | Pa  |
| Dry fue gas mass fow rate   | Φ <sub>f,g nom</sub>   | 9   | g/s | Φ <sub>f,g part</sub>    | NPD | g/s |

|                                         | At nominal heat output  |      |    | At part load heat output |     |     |
|-----------------------------------------|-------------------------|------|----|--------------------------|-----|-----|
| Heat output                             | P <sub>nom</sub>        | 10   | kW | P <sub>part</sub>        | NPD | kW  |
| Water heat output                       | P <sub>wnom</sub>       | NPD  | kW | P <sub>wpart</sub>       | NPD | kW  |
| Seasonal heating efficiency             | η <sub>nom</sub>        | 83.6 | %  | η <sub>part</sub>        | NPD | %   |
| Efficiency                              | η <sub>s</sub>          | 74   | %  |                          |     |     |
| Energy efficiency                       | Energy Efficiency Index |      |    |                          | EEI | 111 |
|                                         | Energy efficiency class |      |    |                          | -   | A+  |
| Electricity consumption                 | el <sub>max</sub>       | NPD  | kW | el <sub>min</sub>        | NPD | kW  |
| Electricity consumption in standby mode | el <sub>SB</sub>        |      | kW |                          |     |     |

|                                                                                         |                |      |    |
|-----------------------------------------------------------------------------------------|----------------|------|----|
| Minimum distance from the rear to combustible material                                  | d <sub>R</sub> | 180  | mm |
| Minimum distance from the sides to combustible material                                 | d <sub>S</sub> | 180  | mm |
| Minimum distance from the top to combustible material in the ceiling                    | d <sub>C</sub> | 800  | mm |
| Minimum distance from the front to combustible material                                 | d <sub>P</sub> | 1500 | mm |
| Minimum distances from the front to combustible material in bottom front radiation area | d <sub>F</sub> | 1500 | mm |
| Minimum distances from the front to combustible material in side front radiation area   | d <sub>L</sub> | NPD  | mm |
| Minimum distance below the bottom (not regarding feet) to combustible material          | d <sub>B</sub> | 0    | mm |

|                              |     |
|------------------------------|-----|
| Environmental sustainability | NPD |
|------------------------------|-----|

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:  
Head of the research and development department Sylwester Katwiński

Wsola 2025-11-22

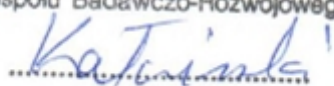
Kierownik  
Zespołu Badawczo-Rozwojowego  
*Katwiński*

FLOKI/M/L/V1/2025/DOP

|                                                                                                                                                                                                                                   |                                                                                                        |                                                                                                                                |      |                   |                                            |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|-------------------|--------------------------------------------|-----------------------|
| 1.                                                                                                                                                                                                                                | Eindeutiger Identifikationscode des Produkttyps:                                                       | FLOKI/M/L                                                                                                                      |      |                   |                                            |                       |
|                                                                                                                                                                                                                                   | Produktart                                                                                             | Typ BE                                                                                                                         |      |                   |                                            |                       |
| 2.                                                                                                                                                                                                                                | Verwendungszweck(e):                                                                                   | Beheizung von Räumen in Gebäuden                                                                                               |      |                   |                                            |                       |
| 3.                                                                                                                                                                                                                                | Hersteller:                                                                                            | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |      |                   |                                            |                       |
| 4.                                                                                                                                                                                                                                | Bevollmächtigter Vertreter                                                                             | -                                                                                                                              |      |                   |                                            |                       |
| 5.                                                                                                                                                                                                                                | System(e) zur Bewertung und Überprüfung der Leistungsbeständigkeit:                                    | Anlage 3                                                                                                                       |      |                   |                                            |                       |
| 6.                                                                                                                                                                                                                                | Harmonisierte technische Spezifikationen verwendet                                                     | EN 16510-2-2:2023-06                                                                                                           |      |                   |                                            |                       |
|                                                                                                                                                                                                                                   | Prüfbericht Nr.                                                                                        | CUE.4032.041.1.2024.LG060                                                                                                      |      |                   |                                            |                       |
|                                                                                                                                                                                                                                   | Benannte(r) Stelle(n)                                                                                  | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |      |                   |                                            |                       |
| 7.                                                                                                                                                                                                                                | Brandschutz                                                                                            | Entspricht                                                                                                                     |      |                   |                                            |                       |
|                                                                                                                                                                                                                                   | Mechanische Festigkeit von Abgaskanälen und Abgasleitungen                                             | Entspricht                                                                                                                     |      |                   |                                            |                       |
|                                                                                                                                                                                                                                   | Äußere Oberflächentemperatur                                                                           | Entspricht                                                                                                                     |      |                   |                                            |                       |
|                                                                                                                                                                                                                                   | Elektrische Sicherheit                                                                                 | NPD                                                                                                                            |      |                   |                                            |                       |
|                                                                                                                                                                                                                                   | Freisetzung gefährlicher Stoffe                                                                        | NPD                                                                                                                            |      |                   |                                            |                       |
|                                                                                                                                                                                                                                   |                                                                                                        | Bei nominaler Wärmeleistung                                                                                                    |      |                   | Wärmeleistung bei Teillast                 |                       |
|                                                                                                                                                                                                                                   | Kohlenmonoxidemissionen                                                                                | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                   | Stickoxide Emissionen                                                                                  | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                   | Emissionen von Kohlenwasserstoffen                                                                     | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                   | Emissionen von Partikeln                                                                               | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                   |                                                                                                        | Bei nominaler Wärmeleistung                                                                                                    |      |                   | Wärmeleistung bei Teillast                 |                       |
|                                                                                                                                                                                                                                   | Abgasaustrittstemperatur                                                                               | T <sub>snom</sub>                                                                                                              | 235  | °C                | T <sub>spart</sub>                         | NPD °C                |
|                                                                                                                                                                                                                                   | Mindestzug des Schornsteins                                                                            | P <sub>nom</sub>                                                                                                               | 12   | Pa                | P <sub>part</sub>                          | NPD Pa                |
|                                                                                                                                                                                                                                   | Abgasmassenstrom                                                                                       | Φ <sub>f,g nom</sub>                                                                                                           | 9    | g/s               | Φ <sub>f,g part</sub>                      | NPD g/s               |
|                                                                                                                                                                                                                                   |                                                                                                        | Bei nominaler Wärmeleistung                                                                                                    |      |                   | Wärmeleistung bei Teillast                 |                       |
|                                                                                                                                                                                                                                   | Wärmeleistung                                                                                          | P <sub>nom</sub>                                                                                                               | 10   | kW                | P <sub>part</sub>                          | NPD kW                |
|                                                                                                                                                                                                                                   | Wassererwärmsleistung                                                                                  | P <sub>wnom</sub>                                                                                                              | NPD  | kW                | P <sub>wpart</sub>                         | NPD kW                |
|                                                                                                                                                                                                                                   | saisonale Heizleistung                                                                                 | η <sub>nom</sub>                                                                                                               | 83.6 | %                 | η <sub>part</sub>                          | NPD %                 |
|                                                                                                                                                                                                                                   | Effizienz                                                                                              | η <sub>s</sub>                                                                                                                 | 74   | %                 |                                            |                       |
|                                                                                                                                                                                                                                   | Energieeffizienz                                                                                       | Energieeffizienzindex                                                                                                          |      |                   |                                            | EEI 111               |
|                                                                                                                                                                                                                                   |                                                                                                        | Energieeffizienzklasse                                                                                                         |      |                   |                                            | - A+                  |
|                                                                                                                                                                                                                                   | Stromverbrauch                                                                                         | el <sub>max</sub>                                                                                                              | NPD  | kW                | el <sub>min</sub>                          | NPD kW                |
|                                                                                                                                                                                                                                   | Stromverbrauch im Standby-Modus                                                                        | el <sub>SB</sub>                                                                                                               |      | kW                |                                            |                       |
|                                                                                                                                                                                                                                   |                                                                                                        |                                                                                                                                |      |                   |                                            |                       |
|                                                                                                                                                                                                                                   | Mindestabstand von der Rückseite zu brennbarem Material                                                |                                                                                                                                |      |                   | d <sub>R</sub>                             | 180 mm                |
|                                                                                                                                                                                                                                   | Mindestabstand von den Seiten zu brennbarem Material                                                   |                                                                                                                                |      |                   | d <sub>S</sub>                             | 180 mm                |
|                                                                                                                                                                                                                                   | Mindestabstand von der Oberkante zu brennbaren Materialien in der Decke                                |                                                                                                                                |      |                   | d <sub>C</sub>                             | 800 mm                |
|                                                                                                                                                                                                                                   | Mindestabstand von der Vorderseite zu brennbarem Material                                              |                                                                                                                                |      |                   | d <sub>P</sub>                             | 1500 mm               |
|                                                                                                                                                                                                                                   | Mindestabstände von der Vorderseite zu brennbarem Material im unteren vorderen Strahlungsbereich       |                                                                                                                                |      |                   | d <sub>F</sub>                             | 1500 mm               |
|                                                                                                                                                                                                                                   | Mindestabstände von der Vorderseite zu brennbaren Materialien im seitlichen vorderen Strahlungsbereich |                                                                                                                                |      |                   | d <sub>L</sub>                             | NPD mm                |
|                                                                                                                                                                                                                                   | Mindestabstand unterhalb des Bodens (nicht in Fuß gemessen) zu brennbarem Material                     |                                                                                                                                |      |                   | d <sub>B</sub>                             | 0 mm                  |
|                                                                                                                                                                                                                                   |                                                                                                        |                                                                                                                                |      |                   |                                            |                       |
| Umweltverträglichkeit                                                                                                                                                                                                             |                                                                                                        | NPD                                                                                                                            |      |                   |                                            |                       |
| Die Leistung des oben genannten Produkts entspricht den erklärten Leistungen. Diese Leistungserklärung wird gemäß der Verordnung (EU) Nr. 305/2011 unter der alleinigen Verantwortung des oben genannten Herstellers ausgestellt. |                                                                                                        |                                                                                                                                |      |                   |                                            |                       |

Unterzeichnet für und im Namen des Herstellers von:  
Leiter der Forschungs- und Entwicklungsabteilung Sylwester Kalwiński

Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  


FLOKI/M/L/V1/2025/DOP

|    |                                                                                                              |                                                                                                                                |
|----|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. | Code d'identification unique du type de produit:                                                             | FLOKI/M/L                                                                                                                      |
|    | Type de produit                                                                                              | Taper BE                                                                                                                       |
| 2. | Utilisation(s) prévue(s):                                                                                    | Chauffage des locaux dans les bâtiments                                                                                        |
| 3. | Fabricant:                                                                                                   | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |
| 4. | Représentant autorisé                                                                                        | -                                                                                                                              |
| 5. | Système(s) d'évaluation et de vérification de la constance des performances :                                | Système 3                                                                                                                      |
| 6. | Spécifications techniques harmonisées utilisées                                                              | EN 16510-2-2:2023-06                                                                                                           |
|    | Rapport d'essai n°                                                                                           | CUE.4032.041.1.2024.LG060                                                                                                      |
|    | Organisme(s) notifié(s)                                                                                      | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |
| 7. | Sécurité incendie                                                                                            | Conforme                                                                                                                       |
|    | Résistance mécanique des conduits et des cheminées de gaz de combustion                                      | Conforme                                                                                                                       |
|    | Température de surface externe                                                                               | Conforme                                                                                                                       |
|    | Sécurité électrique                                                                                          | NPD                                                                                                                            |
|    | Déversement de matières dangereuses                                                                          | NPD                                                                                                                            |
|    |                                                                                                              | À puissance thermique nominale                                                                                                 |
|    | émissions de monoxyde de carbone                                                                             | CO <sub>nom</sub> (13% O <sub>2</sub> ) 1033 mg/m <sup>3</sup>                                                                 |
|    | émissions d'oxydes d'azote                                                                                   | NO <sub>x nom</sub> (13% O <sub>2</sub> ) 135 mg/m <sup>3</sup>                                                                |
|    | émissions d'hydrocarbures                                                                                    | OGC <sub>nom</sub> (13% O <sub>2</sub> ) 74 mg/m <sup>3</sup>                                                                  |
|    | émissions de particules                                                                                      | PM <sub>nom</sub> (13% O <sub>2</sub> ) 28 mg/m <sup>3</sup>                                                                   |
|    |                                                                                                              | Puissance thermique à charge partielle                                                                                         |
|    |                                                                                                              | CO <sub>part</sub> (13% O <sub>2</sub> ) NPD mg/m <sup>3</sup>                                                                 |
|    |                                                                                                              | NO <sub>x part</sub> (13% O <sub>2</sub> ) NPD mg/m <sup>3</sup>                                                               |
|    |                                                                                                              | OGC <sub>part</sub> (13% O <sub>2</sub> ) NPD mg/m <sup>3</sup>                                                                |
|    |                                                                                                              | PM <sub>part</sub> (13% O <sub>2</sub> ) NPD mg/m <sup>3</sup>                                                                 |
|    |                                                                                                              | À puissance thermique nominale                                                                                                 |
|    | température de sortie des fumées                                                                             | T <sub>snom</sub> 235 °C                                                                                                       |
|    | tirage minimal de cheminée                                                                                   | P <sub>nom</sub> 12 Pa                                                                                                         |
|    | débit massique de gaz combustible sec                                                                        | Φ <sub>f,g nom</sub> 9 g/s                                                                                                     |
|    |                                                                                                              | Puissance thermique à charge partielle                                                                                         |
|    |                                                                                                              | T <sub>s part</sub> NPD °C                                                                                                     |
|    |                                                                                                              | P <sub>part</sub> NPD Pa                                                                                                       |
|    |                                                                                                              | Φ <sub>f,g part</sub> NPD g/s                                                                                                  |
|    |                                                                                                              | À puissance thermique nominale                                                                                                 |
|    | dégagement de chaleur                                                                                        | P <sub>nom</sub> 10 kW                                                                                                         |
|    | production de chaleur de l'eau                                                                               | P <sub>w nom</sub> NPD kW                                                                                                      |
|    | efficacité de chauffage saisonnière                                                                          | η <sub>nom</sub> 83.6 %                                                                                                        |
|    | Efficacité                                                                                                   | η <sub>s</sub> 74 %                                                                                                            |
|    | efficacité énergétique                                                                                       | Indice d'efficacité énergétique EEI 111                                                                                        |
|    |                                                                                                              | classe d'efficacité énergétique - A+                                                                                           |
|    | Consommation d'électricité                                                                                   | e <sub>l max</sub> NPD kW                                                                                                      |
|    | Consommation électrique en mode veille                                                                       | e <sub>l SB</sub> kW                                                                                                           |
|    | Distance minimale entre l'arrière et le matériau combustible                                                 | d <sub>R</sub> 180 mm                                                                                                          |
|    | Distance minimale entre les côtés et le matériau combustible                                                 | d <sub>S</sub> 180 mm                                                                                                          |
|    | Distance minimale entre le haut du plafond et les matériaux combustibles.                                    | d <sub>C</sub> 800 mm                                                                                                          |
|    | Distance minimale entre l'avant et le matériau combustible                                                   | d <sub>P</sub> 1500 mm                                                                                                         |
|    | Distances minimales entre l'avant et les matériaux combustibles dans la zone de rayonnement avant inférieure | d <sub>F</sub> 1500 mm                                                                                                         |
|    | Distances minimales entre l'avant et les matériaux combustibles dans la zone de rayonnement latérale avant   | d <sub>L</sub> NPD mm                                                                                                          |
|    | Distance minimale sous le fond (et non en pieds) par rapport au matériau combustible                         | d <sub>B</sub> 0 mm                                                                                                            |
|    | durabilité environnementale                                                                                  | NPD                                                                                                                            |

Les performances du produit identifié ci-dessus sont conformes à l'ensemble des performances déclarées. Cette déclaration de performance est établie, conformément au règlement (UE) n° 305/2011, sous la seule responsabilité du fabricant identifié ci-dessus.

Signé pour et au nom du fabricant par :  
Sylwester Kałwiński, chef du département de recherche et développement

Kierownik  
Zespołu Badawczo-Rozwojowego  
*Kałwiński*

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|                                                                                                                                                                                                                                                                            |                                                                                                            |                                                                                                                                |      |                   |                                            |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|-------------------|--------------------------------------------|-----------------------|
| 1.                                                                                                                                                                                                                                                                         | Codice identificativo univoco del tipo di prodotto:                                                        | FLOKI/M/L                                                                                                                      |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            | Tipo di prodotto                                                                                           | Tipo BE                                                                                                                        |      |                   |                                            |                       |
| 2.                                                                                                                                                                                                                                                                         | Uso/i previsto/i:                                                                                          | Riscaldamento degli ambienti negli edifici                                                                                     |      |                   |                                            |                       |
| 3.                                                                                                                                                                                                                                                                         | Produttore:                                                                                                | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |      |                   |                                            |                       |
| 4.                                                                                                                                                                                                                                                                         | Rappresentante autorizzato                                                                                 | -                                                                                                                              |      |                   |                                            |                       |
| 5.                                                                                                                                                                                                                                                                         | Sistema(i) di valutazione e verifica della costanza della prestazione:                                     | Sistema 3                                                                                                                      |      |                   |                                            |                       |
| 6.                                                                                                                                                                                                                                                                         | Specifiche tecniche armonizzate utilizzate                                                                 | EN 16510-2-2:2023-06                                                                                                           |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            | Rapporto di prova n.                                                                                       | CUE.4032.041.1.2024.LG060                                                                                                      |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            | Organismo/i notificato/i                                                                                   | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |      |                   |                                            |                       |
| 7.                                                                                                                                                                                                                                                                         | Sicurezza antincendio                                                                                      | Conforme                                                                                                                       |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            | Resistenza meccanica dei condotti dei gas di scarico e delle canne fumarie                                 | Conforme                                                                                                                       |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            | Temperatura della superficie esterna                                                                       | Conforme                                                                                                                       |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            | Sicurezza elettrica                                                                                        | NPD                                                                                                                            |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            | Rilascio di materiali pericolosi                                                                           | NPD                                                                                                                            |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            |                                                                                                            |                                                                                                                                |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            |                                                                                                            | Alla potenza termica nominale                                                                                                  |      |                   | A carico parziale potenza termica          |                       |
|                                                                                                                                                                                                                                                                            | Emissioni di monossido di carbonio                                                                         | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                            | Emissioni di ossidi di azoto                                                                               | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                            | Emissioni di idrocarburi                                                                                   | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                            | Emissioni di particolato                                                                                   | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                            |                                                                                                            |                                                                                                                                |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            |                                                                                                            | Alla potenza termica nominale                                                                                                  |      |                   | A carico parziale potenza termica          |                       |
|                                                                                                                                                                                                                                                                            | Temperatura di uscita del fumo                                                                             | T <sub>snom</sub>                                                                                                              | 235  | °C                | T <sub>spart</sub>                         | NPD °C                |
|                                                                                                                                                                                                                                                                            | Tiraggio minimo della canna fumaria                                                                        | P <sub>nom</sub>                                                                                                               | 12   | Pa                | P <sub>part</sub>                          | NPD Pa                |
|                                                                                                                                                                                                                                                                            | Portata di massa del gas combustibile secco                                                                | Φ <sub>f,g nom</sub>                                                                                                           | 9    | g/s               | Φ <sub>f,g part</sub>                      | NPD g/s               |
|                                                                                                                                                                                                                                                                            |                                                                                                            |                                                                                                                                |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            |                                                                                                            | Alla potenza termica nominale                                                                                                  |      |                   | A carico parziale potenza termica          |                       |
|                                                                                                                                                                                                                                                                            | potenza termica                                                                                            | P <sub>nom</sub>                                                                                                               | 10   | kW                | P <sub>part</sub>                          | NPD kW                |
|                                                                                                                                                                                                                                                                            | Potenza termica dell'acqua                                                                                 | P <sub>wnom</sub>                                                                                                              | NPD  | kW                | P <sub>wpart</sub>                         | NPD kW                |
|                                                                                                                                                                                                                                                                            | Efficienza di riscaldamento stagionale                                                                     | η <sub>nom</sub>                                                                                                               | 83.6 | %                 | η <sub>part</sub>                          | NPD %                 |
|                                                                                                                                                                                                                                                                            | Efficienza                                                                                                 | η <sub>s</sub>                                                                                                                 | 74   | %                 |                                            |                       |
|                                                                                                                                                                                                                                                                            | Efficienza energetica                                                                                      | Indice di efficienza energetica                                                                                                |      |                   | EEI                                        | 111                   |
|                                                                                                                                                                                                                                                                            |                                                                                                            | Classe di efficienza energetica                                                                                                |      |                   | -                                          | A+                    |
|                                                                                                                                                                                                                                                                            | Consumo di elettricità                                                                                     | e <sub>l,max</sub>                                                                                                             | NPD  | kW                | e <sub>l,min</sub>                         | NPD kW                |
|                                                                                                                                                                                                                                                                            | Consumo di energia elettrica in modalità standby                                                           | e <sub>l,SB</sub>                                                                                                              |      | kW                |                                            |                       |
|                                                                                                                                                                                                                                                                            |                                                                                                            |                                                                                                                                |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            | Distanza minima dalla parte posteriore al materiale combustibile                                           |                                                                                                                                |      | d <sub>R</sub>    | 180                                        | mm                    |
|                                                                                                                                                                                                                                                                            | Distanza minima dai lati al materiale combustibile                                                         |                                                                                                                                |      | d <sub>S</sub>    | 180                                        | mm                    |
|                                                                                                                                                                                                                                                                            | Distanza minima dalla parte superiore al materiale combustibile nel soffitto                               |                                                                                                                                |      | d <sub>C</sub>    | 800                                        | mm                    |
|                                                                                                                                                                                                                                                                            | Distanza minima dalla parte anteriore al materiale combustibile                                            |                                                                                                                                |      | d <sub>P</sub>    | 1500                                       | mm                    |
|                                                                                                                                                                                                                                                                            | Distanze minime dalla parte anteriore al materiale combustibile nell'area di radiazione frontale inferiore |                                                                                                                                |      | d <sub>F</sub>    | 1500                                       | mm                    |
|                                                                                                                                                                                                                                                                            | Distanze minime dalla parte anteriore al materiale combustibile nell'area di radiazione frontale laterale  |                                                                                                                                |      | d <sub>L</sub>    | NPD                                        | mm                    |
|                                                                                                                                                                                                                                                                            | Distanza minima dal fondo (esclusi i piedi) al materiale combustibile                                      |                                                                                                                                |      | d <sub>B</sub>    | 0                                          | mm                    |
|                                                                                                                                                                                                                                                                            |                                                                                                            |                                                                                                                                |      |                   |                                            |                       |
|                                                                                                                                                                                                                                                                            | Sostenibilità ambientale                                                                                   | NPD                                                                                                                            |      |                   |                                            |                       |
| La prestazione del prodotto sopra identificato è conforme all'insieme delle prestazioni dichiarate. La presente dichiarazione di prestazione è rilasciata, in conformità al Regolamento (UE) n. 305/2011, sotto la sola responsabilità del fabbricante sopra identificato. |                                                                                                            |                                                                                                                                |      |                   |                                            |                       |

Firmato a nome e per conto del produttore da:  
Responsabile del dipartimento di ricerca e sviluppo Sylwester Kałwiński

Kierownik  
Zespołu Badawczo-Rozwojowego  

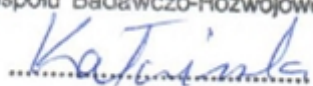

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|                                                                                                                                                                                                                      |                                                       |                                                                                                                                |                   |                                            |      |                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------|------|-------------------|
| 1.                                                                                                                                                                                                                   | Jedinečný identifikační kód typu produktu:            | FLOKI/M/L                                                                                                                      |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Typ produktu                                          | Typ BE                                                                                                                         |                   |                                            |      |                   |
| 2.                                                                                                                                                                                                                   | Zamýšlené použití:                                    | Vytápění místností v budovách                                                                                                  |                   |                                            |      |                   |
| 3.                                                                                                                                                                                                                   | Výrobce:                                              | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |                   |                                            |      |                   |
| 4.                                                                                                                                                                                                                   | Zplnomocněný zástupce                                 | -                                                                                                                              |                   |                                            |      |                   |
| 5.                                                                                                                                                                                                                   | Systém(y) posuzování a ověřování stálosti vlastností: | Systém 3                                                                                                                       |                   |                                            |      |                   |
| 6.                                                                                                                                                                                                                   | Použité harmonizované technické specifikace           | EN 16510-2-2:2023-06                                                                                                           |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Zkušební protokol č.                                  | CUE.4032.041.1.2024.LG060                                                                                                      |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Notifikovaná osoba/y                                  | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |                   |                                            |      |                   |
| 7.                                                                                                                                                                                                                   | Požární bezpečnost                                    | Vyhovuje                                                                                                                       |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Mechanická pevnost kouřovodů a kouřovodů              | Vyhovuje                                                                                                                       |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Vnější povrchová teplota                              | Vyhovuje                                                                                                                       |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Elektrická bezpečnost                                 | NPD                                                                                                                            |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Uvolňování nebezpečných látek                         | NPD                                                                                                                            |                   |                                            |      |                   |
|                                                                                                                                                                                                                      |                                                       |                                                                                                                                |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Při jmenovitém tepelném výkonu                        |                                                                                                                                |                   | Při částečném zatížení tepelného výkonu    |      |                   |
| Emise oxidu uhelnatého                                                                                                                                                                                               | CO <sub>nom</sub> (13% O <sub>2</sub> )               | 1033                                                                                                                           | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD  | mg/m <sup>3</sup> |
| Emise oxidů dusíku                                                                                                                                                                                                   | NO <sub>x nom</sub> (13% O <sub>2</sub> )             | 135                                                                                                                            | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD  | mg/m <sup>3</sup> |
| Emise uhlovodíků                                                                                                                                                                                                     | OGC <sub>nom</sub> (13% O <sub>2</sub> )              | 74                                                                                                                             | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD  | mg/m <sup>3</sup> |
| Emise pevných částic                                                                                                                                                                                                 | PM <sub>nom</sub> (13% O <sub>2</sub> )               | 28                                                                                                                             | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD  | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                      |                                                       |                                                                                                                                |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Při jmenovitém tepelném výkonu                        |                                                                                                                                |                   | Při částečném zatížení tepelného výkonu    |      |                   |
| Teplota výstupu spalín                                                                                                                                                                                               | T <sub>snom</sub>                                     | 235                                                                                                                            | °C                | T <sub>spart</sub>                         | NPD  | °C                |
| Minimální tah komína                                                                                                                                                                                                 | P <sub>nom</sub>                                      | 12                                                                                                                             | Pa                | P <sub>part</sub>                          | NPD  | Pa                |
| Hmotnostní průtok suchého spalínového plynu                                                                                                                                                                          | Φ <sub>f,g nom</sub>                                  | 9                                                                                                                              | g/s               | Φ <sub>f,g part</sub>                      | NPD  | g/s               |
|                                                                                                                                                                                                                      |                                                       |                                                                                                                                |                   |                                            |      |                   |
|                                                                                                                                                                                                                      | Při jmenovitém tepelném výkonu                        |                                                                                                                                |                   | Při částečném zatížení tepelného výkonu    |      |                   |
| Tepelný výkon                                                                                                                                                                                                        | P <sub>nom</sub>                                      | 10                                                                                                                             | kW                | P <sub>part</sub>                          | NPD  | kW                |
| Tepelný výkon vody                                                                                                                                                                                                   | P <sub>wnom</sub>                                     | NPD                                                                                                                            | kW                | P <sub>wpart</sub>                         | NPD  | kW                |
| Sezónní účinnost vytápění                                                                                                                                                                                            | η <sub>nom</sub>                                      | 83.6                                                                                                                           | %                 | η <sub>part</sub>                          | NPD  | %                 |
| Účinnost                                                                                                                                                                                                             | η <sub>s</sub>                                        | 74                                                                                                                             | %                 |                                            |      |                   |
| Energetická účinnost                                                                                                                                                                                                 | Index energetické účinnosti                           |                                                                                                                                |                   |                                            | EEI  | 111               |
|                                                                                                                                                                                                                      | Třída energetické účinnosti                           |                                                                                                                                |                   |                                            | -    | A+                |
| Spotřeba elektřiny                                                                                                                                                                                                   | el <sub>max</sub>                                     | NPD                                                                                                                            | kW                | el <sub>min</sub>                          | NPD  | kW                |
| Spotřeba elektřiny v pohotovostním režimu                                                                                                                                                                            | el <sub>SB</sub>                                      |                                                                                                                                | kW                |                                            |      |                   |
|                                                                                                                                                                                                                      |                                                       |                                                                                                                                |                   |                                            |      |                   |
| Minimální vzdálenost od zadní části k hořlavému materiálu                                                                                                                                                            |                                                       |                                                                                                                                |                   | d <sub>R</sub>                             | 180  | mm                |
| Minimální vzdálenost od boků k hořlavému materiálu                                                                                                                                                                   |                                                       |                                                                                                                                |                   | d <sub>S</sub>                             | 180  | mm                |
| Minimální vzdálenost od horního stropu k hořlavému materiálu ve stropě                                                                                                                                               |                                                       |                                                                                                                                |                   | d <sub>C</sub>                             | 800  | mm                |
| Minimální vzdálenost od přední strany k hořlavému materiálu                                                                                                                                                          |                                                       |                                                                                                                                |                   | d <sub>P</sub>                             | 1500 | mm                |
| Minimální vzdálenosti od přední strany k hořlavému materiálu v oblasti záření v dolní přední části                                                                                                                   |                                                       |                                                                                                                                |                   | d <sub>F</sub>                             | 1500 | mm                |
| Minimální vzdálenosti od čelní strany k hořlavému materiálu v boční čelní radiační oblasti                                                                                                                           |                                                       |                                                                                                                                |                   | d <sub>L</sub>                             | NPD  | mm                |
| Minimální vzdálenost pod dnem (bez ohledu na nohy) od hořlavého materiálu                                                                                                                                            |                                                       |                                                                                                                                |                   | d <sub>B</sub>                             | 0    | mm                |
|                                                                                                                                                                                                                      |                                                       |                                                                                                                                |                   |                                            |      |                   |
| Environmentální udržitelnost                                                                                                                                                                                         | NPD                                                   |                                                                                                                                |                   |                                            |      |                   |
| Výše uvedené vlastnosti výrobku jsou v souladu se souborem deklarovaných vlastností. Toto prohlášení o vlastnostech se vydává v souladu s nařízením (EU) č. 305/2011 na výhradní odpovědnost výrobce uvedeného výše. |                                                       |                                                                                                                                |                   |                                            |      |                   |

Podepsáno za výrobce a jeho jménem:  
Vedoucí oddělení výzkumu a vývoje Sylwester Katwiński

Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  


|    |                                                                        |                                                                                                                                |
|----|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. | A terméktípus egyedi azonosító kódja:                                  | FLOKI/M/L                                                                                                                      |
|    | Terméktípus                                                            | Típus BE                                                                                                                       |
| 2. | Rendeltetésszerű felhasználás(ok):                                     | Épületek helyiségeinek fűtése                                                                                                  |
| 3. | Gyártó:                                                                | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |
| 4. | Meghatalmazott képviselő                                               | -                                                                                                                              |
| 5. | A teljesítményállandóság értékelésének és ellenőrzésének rendszere(i): | 3. rendszer                                                                                                                    |
| 6. | Alkalmazott harmonizált műszaki előírások                              | EN 16510-2-2:2023-06                                                                                                           |
|    | Vizsgálati jelentés száma                                              | CUE.4032.041.1.2024.LG060                                                                                                      |
|    | Bejelentett szervezet(ek).                                             | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |

|    |                                                       |          |
|----|-------------------------------------------------------|----------|
| 7. | Tűzbiztonság                                          | Megfelel |
|    | Füstgázcsatornák és füstcsövek mechanikai szilárdsága | Megfelel |
|    | Külső felületi hőmérséklet                            | Megfelel |
|    | Elektromos biztonság                                  | NPD      |
|    | Veszélyes anyagok kibocsátása                         | NPD      |

|                          | Névleges hőteljesítményen                 |      |                   | Részleges terhelésű hőteljesítménynél      |     |                   |
|--------------------------|-------------------------------------------|------|-------------------|--------------------------------------------|-----|-------------------|
| Szén-monoxid-kibocsátás  | CO <sub>nom</sub> (13% O <sub>2</sub> )   | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
| Nitrogén-oxid kibocsátás | NO <sub>x nom</sub> (13% O <sub>2</sub> ) | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD | mg/m <sup>3</sup> |
| Szénhidrogén kibocsátás  | OGC <sub>nom</sub> (13% O <sub>2</sub> )  | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD | mg/m <sup>3</sup> |
| Részecskekibocsátás      | PM <sub>nom</sub> (13% O <sub>2</sub> )   | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |

|                              |                           |     |     |                                       |     |     |
|------------------------------|---------------------------|-----|-----|---------------------------------------|-----|-----|
|                              | Névleges hőteljesítményen |     |     | Részleges terhelésű hőteljesítménynél |     |     |
| Füstgáz kimeneti hőmérséklet | T <sub>snom</sub>         | 235 | °C  | T <sub>spart</sub>                    | NPD | °C  |
| Minimális kéményhuzat        | P <sub>nom</sub>          | 12  | Pa  | P <sub>part</sub>                     | NPD | Pa  |
| Száraz füstgáz tömegárama    | Φ <sub>f,g nom</sub>      | 9   | g/s | Φ <sub>f,g part</sub>                 | NPD | g/s |

|                                      |                             |      |    |                                       |     |     |
|--------------------------------------|-----------------------------|------|----|---------------------------------------|-----|-----|
|                                      | Névleges hőteljesítményen   |      |    | Részleges terhelésű hőteljesítménynél |     |     |
| Hőteljesítmény                       | $P_{nom}$                   | 10   | kW | $P_{part}$                            | NPD | kW  |
| Víz hőteljesítménye                  | $P_{wnom}$                  | NPD  | kW | $P_{wpart}$                           | NPD | kW  |
| Szezonális fűtési hatékonyság        | $\eta_{nom}$                | 83.6 | %  | $\eta_{part}$                         | NPD | %   |
| Hatékonyság                          | $\eta_s$                    | 74   | %  |                                       |     |     |
| Energiahatékonyság                   | Energiahatékonysági index   |      |    |                                       | EEl | 111 |
|                                      | Energiahatékonysági osztály |      |    |                                       | -   | A+  |
| Áramfogyasztás                       | $e_{lmax}$                  | NPD  | kW | $e_{lmin}$                            | NPD | kW  |
| Áramfogyasztás készenléti üzemmódban | $e_{lSB}$                   |      | kW |                                       |     |     |

|                                                                                             |       |      |    |
|---------------------------------------------------------------------------------------------|-------|------|----|
| Minimális távolság hátulról az éghető anyagtól                                              | $d_R$ | 180  | mm |
| Minimális távolság az éghető anyagtól az oldalaktól                                         | $d_S$ | 180  | mm |
| Minimális távolság a mennyezet tetejétől az éghető anyagig                                  | $d_C$ | 800  | mm |
| Minimális távolság az elejétől az éghető anyagig                                            | $d_P$ | 1500 | mm |
| Minimális távolságok az elülső résztől az éghető anyagig az alsó elülső sugárzási területen | $d_F$ | 1500 | mm |
| Minimális távolságok az éghető anyagtól az oldalsó elülső sugárzási területen               | $d_L$ | NPD  | mm |
| Minimális távolság az alj alatt (a lábakat nem számítva) az éghető anyagtól                 | $d_B$ | 0    | mm |

|                            |     |
|----------------------------|-----|
| Környezeti fenntarthatóság | NPD |
|----------------------------|-----|

A fent meghatározott termék teljesítménye megfelel a bejelentett teljesítmény(ek) készletének. Ez a teljesítménynyilatkozat kiadása a 305/2011/EU rendelettel összhangban a fent meghatározott gyártó kizárólagos felelősségére történik.

gyártó nevében és nevében írta alá:  
Sylwester Katwiński, a kutatási és fejlesztési osztály vezetője

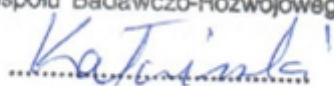
Wsola

Kierownik  
Zespołu Badawczo-Rozwojowego  
*K. Trzask*

FLOKI/M/L/V1/2025/DOP

|    |                                                                                                                                                                                                                                                                                       |                                                                                                                                 |      |                   |                                            |                       |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------|-------------------|--------------------------------------------|-----------------------|
| 1. | Cod unic de identificare al tipului de produs:                                                                                                                                                                                                                                        | FLOKI/M/L                                                                                                                       |      |                   |                                            |                       |
|    | Tipul de produs                                                                                                                                                                                                                                                                       | Tip BE                                                                                                                          |      |                   |                                            |                       |
| 2. | Utilizare(e) prevăzută(e):                                                                                                                                                                                                                                                            | Încălzirea camerelor din clădiri                                                                                                |      |                   |                                            |                       |
| 3. | Producător:                                                                                                                                                                                                                                                                           | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com        |      |                   |                                            |                       |
| 4. | Reprezentant autorizat                                                                                                                                                                                                                                                                | -                                                                                                                               |      |                   |                                            |                       |
| 5. | Sistem(e) de evaluare și verificare a constanței performanței:                                                                                                                                                                                                                        | Sistemul 3                                                                                                                      |      |                   |                                            |                       |
| 6. | Specificații tehnice armonizate utilizate                                                                                                                                                                                                                                             | EN 16510-2-2:2023-06                                                                                                            |      |                   |                                            |                       |
|    | Raport de testare nr.                                                                                                                                                                                                                                                                 | CUE.4032.041.1.2024.LG060                                                                                                       |      |                   |                                            |                       |
|    | Organisme notificate                                                                                                                                                                                                                                                                  | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.iien.com.pl |      |                   |                                            |                       |
| 7. |                                                                                                                                                                                                                                                                                       |                                                                                                                                 |      |                   |                                            |                       |
|    | Siguranța la incendiu                                                                                                                                                                                                                                                                 | Se conformează                                                                                                                  |      |                   |                                            |                       |
|    | Rezistența mecanică a conductelor de gaze arse și a coșurilor de fum                                                                                                                                                                                                                  | Se conformează                                                                                                                  |      |                   |                                            |                       |
|    | Temperatura suprafeței exterioare                                                                                                                                                                                                                                                     | Se conformează                                                                                                                  |      |                   |                                            |                       |
|    | Siguranța electrică                                                                                                                                                                                                                                                                   | NPD                                                                                                                             |      |                   |                                            |                       |
|    | Eliberarea de materiale periculoase                                                                                                                                                                                                                                                   | NPD                                                                                                                             |      |                   |                                            |                       |
|    |                                                                                                                                                                                                                                                                                       |                                                                                                                                 |      |                   |                                            |                       |
|    |                                                                                                                                                                                                                                                                                       | La puterea termică nominală                                                                                                     |      |                   | La putere termică parțială                 |                       |
|    | Emisiile de monoxid de carbon                                                                                                                                                                                                                                                         | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                         | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|    | Emisiile de oxizi de azot                                                                                                                                                                                                                                                             | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                       | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD mg/m <sup>3</sup> |
|    | Emisiile de hidrocarburi                                                                                                                                                                                                                                                              | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD mg/m <sup>3</sup> |
|    | Emisiile de particule                                                                                                                                                                                                                                                                 | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                         | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|    |                                                                                                                                                                                                                                                                                       |                                                                                                                                 |      |                   |                                            |                       |
|    |                                                                                                                                                                                                                                                                                       | La puterea termică nominală                                                                                                     |      |                   | La putere termică parțială                 |                       |
|    | Temperatura de ieșire a gazelor de ardere                                                                                                                                                                                                                                             | T <sub>snom</sub>                                                                                                               | 235  | °C                | T <sub>spart</sub>                         | NPD °C                |
|    | Tracțiune minimă a coșului                                                                                                                                                                                                                                                            | P <sub>nom</sub>                                                                                                                | 12   | Pa                | P <sub>part</sub>                          | NPD Pa                |
|    | Debitul masic al gazului combustibil uscat                                                                                                                                                                                                                                            | Φ <sub>f,g nom</sub>                                                                                                            | 9    | g/s               | Φ <sub>f,g part</sub>                      | NPD g/s               |
|    |                                                                                                                                                                                                                                                                                       |                                                                                                                                 |      |                   |                                            |                       |
|    |                                                                                                                                                                                                                                                                                       | La puterea termică nominală                                                                                                     |      |                   | La putere termică parțială                 |                       |
|    | Producție termică                                                                                                                                                                                                                                                                     | P <sub>nom</sub>                                                                                                                | 10   | kW                | P <sub>part</sub>                          | NPD kW                |
|    | Producția de căldură a apei                                                                                                                                                                                                                                                           | P <sub>wnom</sub>                                                                                                               | NPD  | kW                | P <sub>wpart</sub>                         | NPD kW                |
|    | Eficiența încălzirii sezoniere                                                                                                                                                                                                                                                        | η <sub>nom</sub>                                                                                                                | 83.6 | %                 | η <sub>part</sub>                          | NPD %                 |
|    | Eficiență                                                                                                                                                                                                                                                                             | η <sub>s</sub>                                                                                                                  | 74   | %                 |                                            |                       |
|    | Eficiență energetică                                                                                                                                                                                                                                                                  | Indicele de eficiență energetică                                                                                                |      |                   | EEI                                        | 111                   |
|    |                                                                                                                                                                                                                                                                                       | Clasa de eficiență energetică                                                                                                   |      |                   | -                                          | A+                    |
|    | Consumul de energie electrică                                                                                                                                                                                                                                                         | e <sub>l,max</sub>                                                                                                              | NPD  | kW                | e <sub>l,min</sub>                         | NPD kW                |
|    | Consumul de energie electrică în modul standby                                                                                                                                                                                                                                        | e <sub>l,sb</sub>                                                                                                               |      | kW                |                                            |                       |
|    |                                                                                                                                                                                                                                                                                       |                                                                                                                                 |      |                   |                                            |                       |
|    | Distanța minimă din spate până la materialul combustibil                                                                                                                                                                                                                              |                                                                                                                                 |      |                   | d <sub>R</sub>                             | 180 mm                |
|    | Distanța minimă de la margini la materialul combustibil                                                                                                                                                                                                                               |                                                                                                                                 |      |                   | d <sub>S</sub>                             | 180 mm                |
|    | Distanța minimă de la partea superioară până la materialul combustibil din tavan                                                                                                                                                                                                      |                                                                                                                                 |      |                   | d <sub>C</sub>                             | 800 mm                |
|    | Distanța minimă de la față la materialul combustibil                                                                                                                                                                                                                                  |                                                                                                                                 |      |                   | d <sub>P</sub>                             | 1500 mm               |
|    | Distanțe minime de la partea frontală la materialul combustibil în zona de radiație frontală inferioară                                                                                                                                                                               |                                                                                                                                 |      |                   | d <sub>F</sub>                             | 1500 mm               |
|    | Distanțe minime de la partea frontală la materialul combustibil în zona de radiație frontală laterală                                                                                                                                                                                 |                                                                                                                                 |      |                   | d <sub>L</sub>                             | NPD mm                |
|    | Distanța minimă de la fund (fără a lua în considerare picioarele) până la materialul combustibil                                                                                                                                                                                      |                                                                                                                                 |      |                   | d <sub>B</sub>                             | 0 mm                  |
|    |                                                                                                                                                                                                                                                                                       |                                                                                                                                 |      |                   |                                            |                       |
|    | Sustenabilitatea mediului                                                                                                                                                                                                                                                             | NPD                                                                                                                             |      |                   |                                            |                       |
|    | Performanța produsului identificat mai sus este în conformitate cu setul de performanță/performanțe declarate. Această declarație de performanță este emisă, în conformitate cu Regulamentul (UE) nr. 305/2011, sub responsabilitatea exclusivă a producătorului identificat mai sus. |                                                                                                                                 |      |                   |                                            |                       |

Semnat pentru și în numele producătorului de:  
Șeful departamentului de cercetare și dezvoltare Sylwester Kalwiński

Kierownik  
Zespołu Badawczo-Rozwojowego  


Wsola 2025-11-22

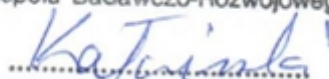


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|                                                                                                                                                                                                                                                              |                                                                                                                        |                                                                                                                                |      |                   |                                                                             |                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|-------------------|-----------------------------------------------------------------------------|-----------------------|
| 1.                                                                                                                                                                                                                                                           | Μοναδικός κωδικός αναγνώρισης του τύπου προϊόντος:                                                                     | FLOKI/M/L                                                                                                                      |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Τύπος προϊόντος                                                                                                        | Τύπος BE                                                                                                                       |      |                   |                                                                             |                       |
| 2.                                                                                                                                                                                                                                                           | Προβλεπόμενη χρήση(ες):                                                                                                | Θέρμανση δωματίων σε κτίρια                                                                                                    |      |                   |                                                                             |                       |
| 3.                                                                                                                                                                                                                                                           | Κατασκευαστής:                                                                                                         | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |      |                   |                                                                             |                       |
| 4.                                                                                                                                                                                                                                                           | Εξουσιοδοτημένος εκπρόσωπος                                                                                            | -                                                                                                                              |      |                   |                                                                             |                       |
| 5.                                                                                                                                                                                                                                                           | Σύστημα(α) αξιολόγησης και επαλήθευσης της σταθερότητας της απόδοσης:                                                  | Σύστημα 3                                                                                                                      |      |                   |                                                                             |                       |
| 6.                                                                                                                                                                                                                                                           | Χρησιμοποιούμενες εναρμονισμένες τεχνικές προδιαγραφές                                                                 | EN 16510-2-2:2023-06                                                                                                           |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Έκθεση δοκιμής αριθ.                                                                                                   | CUE.4032.041.1.2024.LG060                                                                                                      |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Κοινοποιημένος οργανισμός/οι                                                                                           | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |      |                   |                                                                             |                       |
| 7.                                                                                                                                                                                                                                                           | Πυρασφάλεια                                                                                                            | Συμμορφώνεται                                                                                                                  |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Μηχανική αντοχή αγωγών καυσαερίων και καπνοδόχων                                                                       | Συμμορφώνεται                                                                                                                  |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Θερμοκρασία εξωτερικής επιφάνειας                                                                                      | Συμμορφώνεται                                                                                                                  |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Ηλεκτρική ασφάλεια                                                                                                     | NPD                                                                                                                            |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Απελευθέρωση επικινδυνων υλικών                                                                                        | NPD                                                                                                                            |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              |                                                                                                                        |                                                                                                                                |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Εκπομπές μονοξειδίου του άνθρακα                                                                                       | Στην ονομαστική θερμική ισχύ<br>CO <sub>nom</sub> (13% O <sub>2</sub> )                                                        | 1033 | mg/m <sup>3</sup> | Σε θερμική ισχύ μερικού φορτίου<br>CO <sub>part</sub> (13% O <sub>2</sub> ) | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                              | Εκπομπές οξειδίων του αζώτου                                                                                           | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> )                                  | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                              | Εκπομπές υδρογονανθράκων                                                                                               | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )                                   | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                              | Εκπομπές σωματιδίων                                                                                                    | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )                                    | NPD mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                              |                                                                                                                        |                                                                                                                                |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Θερμοκρασία εξόδου καπνοδόχου                                                                                          | Στην ονομαστική θερμική ισχύ<br>T <sub>snom</sub>                                                                              | 235  | °C                | Σε θερμική ισχύ μερικού φορτίου<br>T <sub>spart</sub>                       | NPD °C                |
|                                                                                                                                                                                                                                                              | Ελάχιστη έλξη καμινάδας                                                                                                | P <sub>nom</sub>                                                                                                               | 12   | Pa                | P <sub>part</sub>                                                           | NPD Pa                |
|                                                                                                                                                                                                                                                              | Ρυθμός ροής μάζας ξηρού καυσαερίου                                                                                     | Φ <sub>f,g nom</sub>                                                                                                           | 9    | g/s               | Φ <sub>f,g part</sub>                                                       | NPD g/s               |
|                                                                                                                                                                                                                                                              |                                                                                                                        |                                                                                                                                |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Θερμική ισχύς                                                                                                          | Στην ονομαστική θερμική ισχύ<br>P <sub>nom</sub>                                                                               | 10   | kW                | Σε θερμική ισχύ μερικού φορτίου<br>P <sub>part</sub>                        | NPD kW                |
|                                                                                                                                                                                                                                                              | Θερμική ισχύς νερού                                                                                                    | P <sub>wnom</sub>                                                                                                              | NPD  | kW                | P <sub>wpart</sub>                                                          | NPD kW                |
|                                                                                                                                                                                                                                                              | Εποχιακή απόδοση θέρμανσης                                                                                             | η <sub>nom</sub>                                                                                                               | 83.6 | %                 | η <sub>part</sub>                                                           | NPD %                 |
|                                                                                                                                                                                                                                                              | Αποδοτικότητα                                                                                                          | η <sub>s</sub>                                                                                                                 | 74   | %                 |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Ενεργειακή απόδοση                                                                                                     | Δείκτης Ενεργειακής Απόδοσης                                                                                                   |      |                   | EEI                                                                         | 111                   |
|                                                                                                                                                                                                                                                              |                                                                                                                        | Κατηγορία ενεργειακής απόδοσης                                                                                                 |      |                   | -                                                                           | A+                    |
|                                                                                                                                                                                                                                                              | Κατανάλωση ηλεκτρικής ενέργειας                                                                                        | el <sub>max</sub>                                                                                                              | NPD  | kW                | el <sub>min</sub>                                                           | NPD kW                |
|                                                                                                                                                                                                                                                              | Κατανάλωση ηλεκτρικής ενέργειας σε κατάσταση αναμονής                                                                  | el <sub>SB</sub>                                                                                                               |      | kW                |                                                                             |                       |
|                                                                                                                                                                                                                                                              |                                                                                                                        |                                                                                                                                |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Ελάχιστη απόσταση από το πίσω μέρος έως το εύφλεκτο υλικό                                                              |                                                                                                                                |      |                   | d <sub>R</sub>                                                              | 180 mm                |
|                                                                                                                                                                                                                                                              | Ελάχιστη απόσταση από τις πλευρές έως το εύφλεκτο υλικό                                                                |                                                                                                                                |      |                   | d <sub>S</sub>                                                              | 180 mm                |
|                                                                                                                                                                                                                                                              | Ελάχιστη απόσταση από την κορυφή έως το εύφλεκτο υλικό στην οροφή                                                      |                                                                                                                                |      |                   | d <sub>C</sub>                                                              | 800 mm                |
|                                                                                                                                                                                                                                                              | Ελάχιστη απόσταση από το μπροστινό μέρος έως το εύφλεκτο υλικό                                                         |                                                                                                                                |      |                   | d <sub>P</sub>                                                              | 1500 mm               |
|                                                                                                                                                                                                                                                              | Ελάχιστες αποστάσεις από το μπροστινό μέρος έως το εύφλεκτο υλικό στην περιοχή ακτινοβολίας του κάτω μπροστινού μέρους |                                                                                                                                |      |                   | d <sub>F</sub>                                                              | 1500 mm               |
|                                                                                                                                                                                                                                                              | Ελάχιστες αποστάσεις από το μέτωπο έως το εύφλεκτο υλικό στην πλευρική περιοχή ακτινοβολίας του εμπρόσθιου μέρους      |                                                                                                                                |      |                   | d <sub>L</sub>                                                              | NPD mm                |
|                                                                                                                                                                                                                                                              | Ελάχιστη απόσταση κάτω από τον πυθμένα (δεν αφορά τα πόδια) από εύφλεκτο υλικό                                         |                                                                                                                                |      |                   | d <sub>B</sub>                                                              | 0 mm                  |
|                                                                                                                                                                                                                                                              |                                                                                                                        |                                                                                                                                |      |                   |                                                                             |                       |
|                                                                                                                                                                                                                                                              | Περιβαλλοντική βιωσιμότητα                                                                                             | NPD                                                                                                                            |      |                   |                                                                             |                       |
| Η απόδοση του προϊόντος που προσδιορίζεται παραπάνω είναι σύμφωνη με το σύνολο των δηλωμένων επιδόσεων. Αυτή η δήλωση απόδοσης εκδίδεται, σύμφωνα με τον κανονισμό (ΕΕ) αριθ. 305/2011, με αποκλειστική ευθύνη του κατασκευαστή που προσδιορίζεται παραπάνω. |                                                                                                                        |                                                                                                                                |      |                   |                                                                             |                       |

Υπογράφεται για λογαριασμό και για λογαριασμό του κατασκευαστή από:  
Επικεφαλής του τμήματος έρευνας και ανάπτυξης Sylwester Katwiński

Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  


FLOKI/M/L/V1/2025/DOP

|                                                                                                                                                                                                                                                                                                       |                                                                                                           |                                                                                                                                |                   |     |                                                                             |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|-----|-----------------------------------------------------------------------------|-------------------|
| 1.                                                                                                                                                                                                                                                                                                    | Código de identificación único del tipo de producto:                                                      | FLOKI/M/L                                                                                                                      |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Tipo de producto                                                                                          | Tipo BE                                                                                                                        |                   |     |                                                                             |                   |
| 2.                                                                                                                                                                                                                                                                                                    | Uso(s) previsto(s):                                                                                       | Calefacción de habitaciones en edificios                                                                                       |                   |     |                                                                             |                   |
| 3.                                                                                                                                                                                                                                                                                                    | Fabricante:                                                                                               | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |                   |     |                                                                             |                   |
| 4.                                                                                                                                                                                                                                                                                                    | Representante autorizado                                                                                  | -                                                                                                                              |                   |     |                                                                             |                   |
| 5.                                                                                                                                                                                                                                                                                                    | Sistema(s) de evaluación y verificación de la constancia del rendimiento:                                 | Sistema 3                                                                                                                      |                   |     |                                                                             |                   |
| 6.                                                                                                                                                                                                                                                                                                    | Se utilizaron especificaciones técnicas armonizadas                                                       | EN 16510-2-2:2023-06                                                                                                           |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Informe de ensayo n°                                                                                      | CUE.4032.041.1.2024.LG060                                                                                                      |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Organismo(s) notificado(s)                                                                                | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |                   |     |                                                                             |                   |
| 7.                                                                                                                                                                                                                                                                                                    | Seguridad contra incendios                                                                                | Cumple                                                                                                                         |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Resistencia mecánica de los conductos y chimeneas de gases de combustión                                  | Cumple                                                                                                                         |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Temperatura de la superficie externa                                                                      | Cumple                                                                                                                         |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Seguridad eléctrica                                                                                       | NPD                                                                                                                            |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Liberación de materiales peligrosos                                                                       | NPD                                                                                                                            |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           |                                                                                                                                |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | emisiones de monóxido de carbono                                                                          | Con una potencia calorífica nominal<br>CO <sub>nom</sub> (13% O <sub>2</sub> )                                                 |                   |     | Salida de calor a carga parcial<br>CO <sub>part</sub> (13% O <sub>2</sub> ) |                   |
|                                                                                                                                                                                                                                                                                                       | emisiones de óxidos de nitrógeno                                                                          | 1033                                                                                                                           | mg/m <sup>3</sup> |     | NPD                                                                         | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                                                       | emisiones de hidrocarburos                                                                                | 135                                                                                                                            | mg/m <sup>3</sup> |     | NPD                                                                         | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                                                       | Emisiones de partículas                                                                                   | 74                                                                                                                             | mg/m <sup>3</sup> |     | NPD                                                                         | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       |                   |     | OGC <sub>part</sub> (13% O <sub>2</sub> )                                   |                   |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           | 28                                                                                                                             | mg/m <sup>3</sup> |     | PM <sub>part</sub> (13% O <sub>2</sub> )                                    |                   |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           |                                                                                                                                |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Temperatura de salida de humos                                                                            | Con una potencia calorífica nominal<br>T <sub>snom</sub>                                                                       |                   |     | Salida de calor a carga parcial<br>T <sub>spart</sub>                       |                   |
|                                                                                                                                                                                                                                                                                                       | Tiro mínimo de la chimenea                                                                                | 235                                                                                                                            | °C                |     | NPD                                                                         | °C                |
|                                                                                                                                                                                                                                                                                                       | caudal másico de gas combustible seco                                                                     | P <sub>nom</sub>                                                                                                               | 12                | Pa  | P <sub>part</sub>                                                           | Pa                |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           | Φ <sub>f,g nom</sub>                                                                                                           | 9                 | g/s | Φ <sub>f,g part</sub>                                                       | g/s               |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           |                                                                                                                                |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Producción de calor                                                                                       | Con una potencia calorífica nominal<br>P <sub>nom</sub>                                                                        |                   |     | Salida de calor a carga parcial<br>P <sub>part</sub>                        |                   |
|                                                                                                                                                                                                                                                                                                       | salida de calor del agua                                                                                  | 10                                                                                                                             | kW                |     | NPD                                                                         | kW                |
|                                                                                                                                                                                                                                                                                                       | eficiencia de la calefacción estacional                                                                   | P <sub>wnom</sub>                                                                                                              | NPD               | kW  | NPD                                                                         | kW                |
|                                                                                                                                                                                                                                                                                                       | Eficiencia                                                                                                | η <sub>nom</sub>                                                                                                               | 83.6              | %   | η <sub>part</sub>                                                           | %                 |
|                                                                                                                                                                                                                                                                                                       | eficiencia energética                                                                                     | η <sub>s</sub>                                                                                                                 | 74                | %   |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           | Índice de eficiencia energética                                                                                                |                   |     | EEI                                                                         | 111               |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           | clase de eficiencia energética                                                                                                 |                   |     | -                                                                           | A+                |
|                                                                                                                                                                                                                                                                                                       | consumo de electricidad                                                                                   | e <sub>l,max</sub>                                                                                                             | NPD               | kW  | e <sub>l,min</sub>                                                          | NPD               |
|                                                                                                                                                                                                                                                                                                       | Consumo de electricidad en modo de espera                                                                 | e <sub>l,SB</sub>                                                                                                              |                   | kW  |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           |                                                                                                                                |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | Distancia mínima desde la parte trasera al material combustible                                           |                                                                                                                                |                   |     | d <sub>R</sub>                                                              | 180 mm            |
|                                                                                                                                                                                                                                                                                                       | Distancia mínima desde los laterales al material combustible                                              |                                                                                                                                |                   |     | d <sub>S</sub>                                                              | 180 mm            |
|                                                                                                                                                                                                                                                                                                       | Distancia mínima desde la parte superior hasta el material combustible en el techo                        |                                                                                                                                |                   |     | d <sub>C</sub>                                                              | 800 mm            |
|                                                                                                                                                                                                                                                                                                       | Distancia mínima desde la parte frontal al material combustible                                           |                                                                                                                                |                   |     | d <sub>P</sub>                                                              | 1500 mm           |
|                                                                                                                                                                                                                                                                                                       | Distancias mínimas desde el frente hasta el material combustible en la zona de radiación frontal inferior |                                                                                                                                |                   |     | d <sub>F</sub>                                                              | 1500 mm           |
|                                                                                                                                                                                                                                                                                                       | Distancias mínimas desde el frente hasta el material combustible en la zona de radiación frontal lateral  |                                                                                                                                |                   |     | d <sub>L</sub>                                                              | NPD mm            |
|                                                                                                                                                                                                                                                                                                       | Distancia mínima desde el fondo (sin tener en cuenta los pies) hasta el material combustible              |                                                                                                                                |                   |     | d <sub>B</sub>                                                              | 0 mm              |
|                                                                                                                                                                                                                                                                                                       |                                                                                                           |                                                                                                                                |                   |     |                                                                             |                   |
|                                                                                                                                                                                                                                                                                                       | sostenibilidad ambiental                                                                                  | NPD                                                                                                                            |                   |     |                                                                             |                   |
| Las prestaciones del producto identificado anteriormente son conformes con el conjunto de prestaciones declaradas. La presente declaración de prestaciones se emite, de conformidad con el Reglamento (UE) n.º 305/2011, bajo la exclusiva responsabilidad del fabricante identificado anteriormente. |                                                                                                           |                                                                                                                                |                   |     |                                                                             |                   |

Firmado en nombre y representación del fabricante por:  
Jefe del departamento de investigación y desarrollo Sylwester Kałwiński

Kierownik  
Zespołu Badawczo-Rozwojowego  


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|    |                                                                                                                                                                                                                           |                                                                                                                                |      |                   |                                            |                       |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|-------------------|--------------------------------------------|-----------------------|
| 1. | Tuotetyypin yksilöllinen tunnistekoodi:                                                                                                                                                                                   | FLOKI/M/L                                                                                                                      |      |                   |                                            |                       |
|    | Tuotetyyppi                                                                                                                                                                                                               | Tyyppi BE                                                                                                                      |      |                   |                                            |                       |
| 2. | Käyttötarkoitus:                                                                                                                                                                                                          | Huoneiden lämmitys rakennuksissa                                                                                               |      |                   |                                            |                       |
| 3. | Valmistaja:                                                                                                                                                                                                               | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |      |                   |                                            |                       |
| 4. | Valtuutettu edustaja                                                                                                                                                                                                      | -                                                                                                                              |      |                   |                                            |                       |
| 5. | Suorituskyvyn pysyvyyden arviointi- ja todentamisjärjestelmä(t):                                                                                                                                                          | Järjestelmä 3                                                                                                                  |      |                   |                                            |                       |
| 6. | Käytetyt yhdenmukaistetut tekniset eritelmät                                                                                                                                                                              | EN 16510-2-2:2023-06                                                                                                           |      |                   |                                            |                       |
|    | Testiraportin nro                                                                                                                                                                                                         | CUE.4032.041.1.2024.LG060                                                                                                      |      |                   |                                            |                       |
|    | Ilmoitettu laitos/ilmoitetut laitokset                                                                                                                                                                                    | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |      |                   |                                            |                       |
| 7. | Paloturvallisuus                                                                                                                                                                                                          | Täyttää                                                                                                                        |      |                   |                                            |                       |
|    | Savukaasukanavien ja hormien mekaaninen lujuus                                                                                                                                                                            | Täyttää                                                                                                                        |      |                   |                                            |                       |
|    | Ulkopinnan lämpötila                                                                                                                                                                                                      | Täyttää                                                                                                                        |      |                   |                                            |                       |
|    | Sähköturvallisuus                                                                                                                                                                                                         | NPD                                                                                                                            |      |                   |                                            |                       |
|    | Vaarallisten aineiden vapautuminen                                                                                                                                                                                        | NPD                                                                                                                            |      |                   |                                            |                       |
|    |                                                                                                                                                                                                                           | Nimellisellä lämpöteholla                                                                                                      |      |                   | Lämmöntuotto osakuormalla                  |                       |
|    | Hiilimonoksidipäästöt                                                                                                                                                                                                     | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|    | Typidioksidipäästöt                                                                                                                                                                                                       | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD mg/m <sup>3</sup> |
|    | Hiilivetyjen päästöt                                                                                                                                                                                                      | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD mg/m <sup>3</sup> |
|    | Hiukkaspäästöt                                                                                                                                                                                                            | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|    |                                                                                                                                                                                                                           | Nimellisellä lämpöteholla                                                                                                      |      |                   | Lämmöntuotto osakuormalla                  |                       |
|    | Savupiipun ulostulon lämpötila                                                                                                                                                                                            | T <sub>snom</sub>                                                                                                              | 235  | °C                | T <sub>spart</sub>                         | NPD °C                |
|    | Minimivetohormi                                                                                                                                                                                                           | P <sub>nom</sub>                                                                                                               | 12   | Pa                | P <sub>part</sub>                          | NPD Pa                |
|    | Kuivan savukaasun massavirta                                                                                                                                                                                              | Φ <sub>f,g nom</sub>                                                                                                           | 9    | g/s               | Φ <sub>f,g part</sub>                      | NPD g/s               |
|    |                                                                                                                                                                                                                           | Nimellisellä lämpöteholla                                                                                                      |      |                   | Lämmöntuotto osakuormalla                  |                       |
|    | Lämmöntuotto                                                                                                                                                                                                              | P <sub>nom</sub>                                                                                                               | 10   | kW                | P <sub>part</sub>                          | NPD kW                |
|    | Veden lämmöntuotto                                                                                                                                                                                                        | P <sub>wnom</sub>                                                                                                              | NPD  | kW                | P <sub>wpart</sub>                         | NPD kW                |
|    | Kausittaisen lämmityksen hyötysuhde                                                                                                                                                                                       | η <sub>nom</sub>                                                                                                               | 83.6 | %                 | η <sub>part</sub>                          | NPD %                 |
|    | Tehokkuus                                                                                                                                                                                                                 | η <sub>s</sub>                                                                                                                 | 74   | %                 |                                            |                       |
|    | Energiatehokkuus                                                                                                                                                                                                          | Energiatehokkuusindeksi                                                                                                        |      |                   | EEI                                        | 111                   |
|    |                                                                                                                                                                                                                           | Energiatehokkuusluokka                                                                                                         |      |                   | -                                          | A+                    |
|    | Sähkönkulutus                                                                                                                                                                                                             | el <sub>max</sub>                                                                                                              | NPD  | kW                | el <sub>min</sub>                          | NPD kW                |
|    | Sähkönkulutus valmiustilassa                                                                                                                                                                                              | el <sub>SB</sub>                                                                                                               |      | kW                |                                            |                       |
|    | Minimietäisyys takaosasta palavaan materiaaliin                                                                                                                                                                           |                                                                                                                                |      |                   | d <sub>R</sub>                             | 180 mm                |
|    | Sivujen vähimmäisetäisyys palavaan materiaaliin                                                                                                                                                                           |                                                                                                                                |      |                   | d <sub>S</sub>                             | 180 mm                |
|    | Minimietäisyys yläreunasta katon palamiskykyiseen materiaaliin                                                                                                                                                            |                                                                                                                                |      |                   | d <sub>C</sub>                             | 800 mm                |
|    | Minimietäisyys edestä palavaan materiaaliin                                                                                                                                                                               |                                                                                                                                |      |                   | d <sub>P</sub>                             | 1500 mm               |
|    | Vähimmäiset etäisyydet etupuolelta palavaan materiaaliin alaosan etusäteilyalueella                                                                                                                                       |                                                                                                                                |      |                   | d <sub>F</sub>                             | 1500 mm               |
|    | Vähimmäiset etäisyydet edestä palavaan materiaaliin sivuttaissuuntaisella säteilyalueella                                                                                                                                 |                                                                                                                                |      |                   | d <sub>L</sub>                             | NPD mm                |
|    | Minimietäisyys pohjan alapuolelta (jalkoja ei lasketa) palavaan materiaaliin                                                                                                                                              |                                                                                                                                |      |                   | d <sub>B</sub>                             | 0 mm                  |
|    | Ympäristön kestävyys                                                                                                                                                                                                      | NPD                                                                                                                            |      |                   |                                            |                       |
|    | Yllä tunnistetun tuotteen suorituskyky on ilmoitettujen suoritusarvojen mukainen. Tämä suoritustasovakuutus on annettu asetuksen (EU) N:o 305/2011 mukaisesti, ja se on yksinomaan edellä mainitun valmistajan vastuulla. |                                                                                                                                |      |                   |                                            |                       |

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|                                                                                      |                                                                                                                                |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. Уникален идентификационен код на вида продукт:                                    | FLOKI/M/L                                                                                                                      |
| Тип продукт                                                                          | Тип BE                                                                                                                         |
| 2. Употреба(и) по предназначение:                                                    | Отопление на помещения в сгради                                                                                                |
| 3. производител:                                                                     | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedliński, Polska, 0048483899914, info@kratki.com, www.kratki.com      |
| 4. Упълномощен представител                                                          | -                                                                                                                              |
| 5. Система(и) за оценка и проверка на постоянството на експлоатационните показатели: | Система 3                                                                                                                      |
| 6. Използвани хармонизирани технически спецификации                                  | EN 16510-2-2:2023-06                                                                                                           |
| Протокол от изпитване №                                                              | CUE.4032.041.1.2024.LG060                                                                                                      |
| Нотифициран орган/и                                                                  | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |

|                                              |             |
|----------------------------------------------|-------------|
| Пожарна безопасност                          | Съответства |
| Механична якост на димоходите и дымоотводите | Съответства |
| Температура на външната повърхност           | Съответства |
| Електрическа безопасност                     | NPD         |
| Изпускане на опасни материали                | NPD         |

|                            | При номинална топлинна мощност            |      |                   | При частично натоварване на топлинната мощност |     |                   |
|----------------------------|-------------------------------------------|------|-------------------|------------------------------------------------|-----|-------------------|
| Емисии на въглероден оксид | CO <sub>nom</sub> (13% O <sub>2</sub> )   | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )       | NPD | mg/m <sup>3</sup> |
| Емисии на азотни оксиди    | NO <sub>x nom</sub> (13% O <sub>2</sub> ) | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> )     | NPD | mg/m <sup>3</sup> |
| Емисии на въглеродороди    | OGC <sub>nom</sub> (13% O <sub>2</sub> )  | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )      | NPD | mg/m <sup>3</sup> |
| Емисии на твърди частици   | PM <sub>nom</sub> (13% O <sub>2</sub> )   | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )       | NPD | mg/m <sup>3</sup> |

|                                     | При номинална топлинна мощност |     |     | При частично натоварване на топлинната мощност |     |     |
|-------------------------------------|--------------------------------|-----|-----|------------------------------------------------|-----|-----|
| Температура на изхода на дымоотвода | T <sub>snom</sub>              | 235 | °C  | T <sub>s part</sub>                            | NPD | °C  |
| Минимална тяга на комина            | P <sub>nom</sub>               | 12  | Pa  | P <sub>part</sub>                              | NPD | Pa  |
| Масов дебит на сухия димен газ      | Φ <sub>f,g nom</sub>           | 9   | g/s | Φ <sub>f,g part</sub>                          | NPD | g/s |

|                                                   | При номинална топлинна мощност  |      |    | При частично натоварване на топлинната мощност |     |     |
|---------------------------------------------------|---------------------------------|------|----|------------------------------------------------|-----|-----|
| Топлинна мощност                                  | P <sub>nom</sub>                | 10   | kW | P <sub>part</sub>                              | NPD | kW  |
| Топлинна мощност на водата                        | P <sub>wnom</sub>               | NPD  | kW | P <sub>w part</sub>                            | NPD | kW  |
| Сезонна ефективност на отоплението                | η <sub>nom</sub>                | 83.6 | %  | η <sub>part</sub>                              | NPD | %   |
| Ефективност                                       | η <sub>s</sub>                  | 74   | %  |                                                |     |     |
| Енергийна ефективност                             | Индекс на енергийна ефективност |      |    |                                                | EEI | 111 |
|                                                   | Клас на енергийна ефективност   |      |    |                                                | -   | A+  |
| Консумация на електроенергия                      | el <sub>max</sub>               | NPD  | kW | el <sub>min</sub>                              | NPD | kW  |
| Консумация на електроенергия в режим на готовност | el <sub>SB</sub>                |      | kW |                                                |     |     |

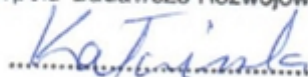
|                                                                                                 |                |      |    |
|-------------------------------------------------------------------------------------------------|----------------|------|----|
| Минимално разстояние от задната част до запалим материал                                        | d <sub>R</sub> | 180  | mm |
| Минимално разстояние от страните до запалим материал                                            | d <sub>S</sub> | 180  | mm |
| Минимално разстояние от горната част до запалим материал на тавана                              | d <sub>C</sub> | 800  | mm |
| Минимално разстояние от предната част до запалим материал                                       | d <sub>P</sub> | 1500 | mm |
| Минимални разстояния от предната част до горимия материал в долната предна радиационна зона     | d <sub>F</sub> | 1500 | mm |
| Минимални разстояния от предната част до запалим материал в страничната предна радиационна зона | d <sub>L</sub> | NPD  | mm |
| Минимално разстояние под дъното (без да се отнася до краката) до запалим материал               | d <sub>B</sub> | 0    | mm |

|                                                                                                                                                                                                                                                                                             |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Екологична устойчивост                                                                                                                                                                                                                                                                      | NPD |
| Производителността на продукта, идентифициран по-горе, е в съответствие с набора от деклариранни характеристики. Тази декларация за експлоатационни характеристики се издава в съответствие с Регламент (ЕС) № 305/2011, като отговорността е единствено на посочения по-горе производител. |     |

Подписано за и от името на производителя от:

Ръководител на отдел „Изследвания и разработки“ Силвестър Калвински

Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  


FLOKI/M/L/V1/2025/DOP

|    |                                                                                     |                                                                                                                                |
|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. | Unieke identificatiecode van het producttype:                                       | FLOKI/M/L                                                                                                                      |
|    | Producttype                                                                         | Type BE                                                                                                                        |
| 2. | Beoogd gebruik:                                                                     | Verwarming van ruimtes in gebouwen                                                                                             |
| 3. | Fabrikant:                                                                          | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedliński, Polska, 0048483899914, info@kratki.com, www.kratki.com      |
| 4. | Gemachtigde vertegenwoordiger                                                       | -                                                                                                                              |
| 5. | Systeem(en) voor beoordeling en verificatie van de bestendigheid van de prestaties: | Systeem 3                                                                                                                      |
| 6. | Geharmoniseerde technische specificaties gebruikt                                   | EN 16510-2-2:2023-06                                                                                                           |
|    | Testrapport nr.                                                                     | CUE.4032.041.1.2024.LG060                                                                                                      |
|    | Aangemelde instantie(s)                                                             | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |

|    |                                                       |             |
|----|-------------------------------------------------------|-------------|
| 7. | Brandveiligheid                                       | Voldoet aan |
|    | Mechanische sterkte van rookgaskanalen en rookkanalen | Voldoet aan |
|    | Temperatuur van het buitenoppervlak                   | Voldoet aan |
|    | Elektrische veiligheid                                | NPD         |
|    | Vrijgave van gevaarlijke stoffen                      | NPD         |

|                           | Bij nominale warmteafgifte                |      |                   | Bij deellast warmteafgifte                 |     |                   |
|---------------------------|-------------------------------------------|------|-------------------|--------------------------------------------|-----|-------------------|
| Koolmonoxide-uitstoot     | CO <sub>nom</sub> (13% O <sub>2</sub> )   | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
| Stikstofoxide-uitstoot    | NO <sub>x nom</sub> (13% O <sub>2</sub> ) | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD | mg/m <sup>3</sup> |
| Koolwaterstoffen-uitstoot | OGC <sub>nom</sub> (13% O <sub>2</sub> )  | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD | mg/m <sup>3</sup> |
| Uitstoot van fijnstof     | PM <sub>nom</sub> (13% O <sub>2</sub> )   | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |

|                               | Bij nominale warmteafgifte |     |     | Bij deellast warmteafgifte |     |     |
|-------------------------------|----------------------------|-----|-----|----------------------------|-----|-----|
| Rookgasafvoertemperatuur      | T <sub>snom</sub>          | 235 | °C  | T <sub>spart</sub>         | NPD | °C  |
| Minimale schoorsteentrek      | P <sub>nom</sub>           | 12  | Pa  | P <sub>part</sub>          | NPD | Pa  |
| Massastroom van droog rookgas | Φ <sub>f,g nom</sub>       | 9   | g/s | Φ <sub>f,g part</sub>      | NPD | g/s |

|                                       | Bij nominale warmteafgifte |      |    | Bij deellast warmteafgifte |     |     |
|---------------------------------------|----------------------------|------|----|----------------------------|-----|-----|
| Warmteafgifte                         | P <sub>nom</sub>           | 10   | kW | P <sub>part</sub>          | NPD | kW  |
| Waterwarmteafgifte                    | P <sub>wnom</sub>          | NPD  | kW | P <sub>wpart</sub>         | NPD | kW  |
| Seizoensgebonden verwarmingsrendement | η <sub>nom</sub>           | 83.6 | %  | η <sub>part</sub>          | NPD | %   |
| Efficiëntie                           | η <sub>s</sub>             | 74   | %  |                            |     |     |
| Energie-efficiëntie                   | Energie-efficiëntie-index  |      |    |                            | EEI | 111 |
|                                       | Energie-efficiëntieklasse  |      |    |                            | -   | A+  |
| Elektriciteitsverbruik                | e <sub>l max</sub>         | NPD  | kW | e <sub>l min</sub>         | NPD | kW  |
| Stroomverbruik in stand-bymodus       | e <sub>l SB</sub>          |      | kW |                            |     |     |

|                                                                                                     |                |      |    |
|-----------------------------------------------------------------------------------------------------|----------------|------|----|
| Minimale afstand van de achterzijde tot brandbaar materiaal                                         | d <sub>R</sub> | 180  | mm |
| Minimale afstand van de zijanten tot brandbaar materiaal                                            | d <sub>S</sub> | 180  | mm |
| Minimale afstand van boven tot brandbaar materiaal in het plafond                                   | d <sub>C</sub> | 800  | mm |
| Minimale afstand van de voorkant tot brandbaar materiaal                                            | d <sub>P</sub> | 1500 | mm |
| Minimale afstanden van de voorkant tot brandbaar materiaal in het onderste frontale stralingsgebied | d <sub>F</sub> | 1500 | mm |
| Minimale afstanden van de voorkant tot brandbaar materiaal in het stralingsgebied aan de zijkant    | d <sub>L</sub> | NPD  | mm |
| Minimale afstand onder de bodem (niet in voeten gemeten) tot brandbaar materiaal                    | d <sub>B</sub> | 0    | mm |

|                    |     |
|--------------------|-----|
| Milieuduurzaamheid | NPD |
|--------------------|-----|

De prestaties van het hierboven geïdentificeerde product zijn in overeenstemming met de set van verklaarde prestaties. Deze prestatieverklaring wordt uitgegeven, in overeenstemming met Verordening (EU) nr. 305/2011, onder de exclusieve verantwoordelijkheid van de hierboven geïdentificeerde fabrikant.

Ondertekend voor en namens de fabrikant door:

Hoofd van de afdeling onderzoek en ontwikkeling Sylwester Kałwiński

Wsola 2025-11-22

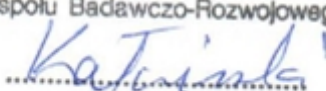
Kierownik  
Zespołu Badawczo-Rozwojowego  


FLOKI/M/L/V1/2025/DOP

|    |                                                                                                                                                                                                                                           |                                                                                                                                 |      |                   |                                            |      |                   |  |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------|-------------------|--------------------------------------------|------|-------------------|--|
| 1. | Produkta veida unikālais identifikācijas kods:                                                                                                                                                                                            | FLOKI/M/L                                                                                                                       |      |                   |                                            |      |                   |  |
|    | Produkta veids                                                                                                                                                                                                                            | Tips                                                                                                                            |      | BE                |                                            |      |                   |  |
| 2. | Paredzētais(-ie) lietojums(-i):                                                                                                                                                                                                           | Telpu apsilde ēkās                                                                                                              |      |                   |                                            |      |                   |  |
| 3. | Ražotājs:                                                                                                                                                                                                                                 | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com        |      |                   |                                            |      |                   |  |
| 4. | Pilnvarots pārstāvis                                                                                                                                                                                                                      | -                                                                                                                               |      |                   |                                            |      |                   |  |
| 5. | Veiktspējas noturības novērtēšanas un pārbaudes sistēma(-as):                                                                                                                                                                             | 3. sistēma                                                                                                                      |      |                   |                                            |      |                   |  |
| 6. | Izmantotās saskaņotās tehniskās specifikācijas                                                                                                                                                                                            | EN 16510-2-2:2023-06                                                                                                            |      |                   |                                            |      |                   |  |
|    | Testa ziņojuma nr.                                                                                                                                                                                                                        | CUE.4032.041.1.2024.LG060                                                                                                       |      |                   |                                            |      |                   |  |
|    | Paziņotā(-ās) iestāde(-es).                                                                                                                                                                                                               | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.iien.com.pl |      |                   |                                            |      |                   |  |
| 7. | Ugunsdrošība                                                                                                                                                                                                                              | Atbilst                                                                                                                         |      |                   |                                            |      |                   |  |
|    | Dūmvadu kanālu un dūmvadu mehāniskā izturība                                                                                                                                                                                              | Atbilst                                                                                                                         |      |                   |                                            |      |                   |  |
|    | Ārējās virsmas temperatūra                                                                                                                                                                                                                | Atbilst                                                                                                                         |      |                   |                                            |      |                   |  |
|    | Elektriskā drošība                                                                                                                                                                                                                        | NPD                                                                                                                             |      |                   |                                            |      |                   |  |
|    | Bīstamo materiālu izdalīšanās                                                                                                                                                                                                             | NPD                                                                                                                             |      |                   |                                            |      |                   |  |
|    |                                                                                                                                                                                                                                           | Pie nominālās siltuma jaudas                                                                                                    |      |                   | Siltuma jauda pie daļējas slodzes          |      |                   |  |
|    | Oglekļa monoksīda emisijas                                                                                                                                                                                                                | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                         | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD  | mg/m <sup>3</sup> |  |
|    | Slāpekļa oksīdu emisijas                                                                                                                                                                                                                  | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                       | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD  | mg/m <sup>3</sup> |  |
|    | Oglekļa ūdeņražu emisijas                                                                                                                                                                                                                 | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD  | mg/m <sup>3</sup> |  |
|    | Cieto daļiņu emisijas                                                                                                                                                                                                                     | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                         | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD  | mg/m <sup>3</sup> |  |
|    |                                                                                                                                                                                                                                           | Pie nominālās siltuma jaudas                                                                                                    |      |                   | Siltuma jauda pie daļējas slodzes          |      |                   |  |
|    | Dūmvada izejas temperatūra                                                                                                                                                                                                                | T <sub>snom</sub>                                                                                                               | 235  | °C                | T <sub>spart</sub>                         | NPD  | °C                |  |
|    | Minimālais skursteņa vilkme                                                                                                                                                                                                               | P <sub>nom</sub>                                                                                                                | 12   | Pa                | P <sub>part</sub>                          | NPD  | Pa                |  |
|    | Sausas deggāzes masas plūsmas ātrums                                                                                                                                                                                                      | Φ <sub>f,g nom</sub>                                                                                                            | 9    | g/s               | Φ <sub>f,g part</sub>                      | NPD  | g/s               |  |
|    |                                                                                                                                                                                                                                           | Pie nominālās siltuma jaudas                                                                                                    |      |                   | Siltuma jauda pie daļējas slodzes          |      |                   |  |
|    | Siltuma jauda                                                                                                                                                                                                                             | P <sub>nom</sub>                                                                                                                | 10   | kW                | P <sub>part</sub>                          | NPD  | kW                |  |
|    | Ūdens siltuma jauda                                                                                                                                                                                                                       | P <sub>wnom</sub>                                                                                                               | NPD  | kW                | P <sub>wpart</sub>                         | NPD  | kW                |  |
|    | Sezonas apkures efektivitāte                                                                                                                                                                                                              | η <sub>nom</sub>                                                                                                                | 83.6 | %                 | η <sub>part</sub>                          | NPD  | %                 |  |
|    | Efektivitāte                                                                                                                                                                                                                              | η <sub>s</sub>                                                                                                                  | 74   | %                 |                                            |      |                   |  |
|    | Energoefektivitāte                                                                                                                                                                                                                        | Energoefektivitātes indekss                                                                                                     |      |                   |                                            | EEI  | 111               |  |
|    |                                                                                                                                                                                                                                           | Energoefektivitātes klase                                                                                                       |      |                   |                                            | -    | A+                |  |
|    | Elektroenerģijas patēriņš                                                                                                                                                                                                                 | el <sub>max</sub>                                                                                                               | NPD  | kW                | el <sub>min</sub>                          | NPD  | kW                |  |
|    | Elektroenerģijas patēriņš gaidīšanas režīmā                                                                                                                                                                                               | el <sub>SB</sub>                                                                                                                |      | kW                |                                            |      |                   |  |
|    | Minimālais attālums no aizmugures līdz degošam materiālam                                                                                                                                                                                 |                                                                                                                                 |      |                   | d <sub>R</sub>                             | 180  | mm                |  |
|    | Minimālais attālums no sāniem līdz degošiem materiāliem                                                                                                                                                                                   |                                                                                                                                 |      |                   | d <sub>S</sub>                             | 180  | mm                |  |
|    | Minimālais attālums no augšas līdz degošiem materiāliem griestos                                                                                                                                                                          |                                                                                                                                 |      |                   | d <sub>C</sub>                             | 800  | mm                |  |
|    | Minimālais attālums no priekšpusēs līdz degošam materiālam                                                                                                                                                                                |                                                                                                                                 |      |                   | d <sub>P</sub>                             | 1500 | mm                |  |
|    | Minimālie attālumi no priekšpusēs līdz degošam materiālam apakšējā priekšējā starojuma zonā                                                                                                                                               |                                                                                                                                 |      |                   | d <sub>F</sub>                             | 1500 | mm                |  |
|    | Minimālie attālumi no priekšpusēs līdz degošam materiālam sānu priekšējā starojuma zonā                                                                                                                                                   |                                                                                                                                 |      |                   | d <sub>L</sub>                             | NPD  | mm                |  |
|    | Minimālais attālums zem pamatnes (neattiecībā uz kājām) līdz degošam materiālam                                                                                                                                                           |                                                                                                                                 |      |                   | d <sub>B</sub>                             | 0    | mm                |  |
|    | Vides ilgtspējība                                                                                                                                                                                                                         | NPD                                                                                                                             |      |                   |                                            |      |                   |  |
|    | Iepriekš norādītā produkta veiktspēja atbilst deklarēto ekspluatācijas īpašību kopumam. Šī ekspluatācijas īpašību deklarācija ir izdota saskaņā ar Regulu (ES) Nr. 305/2011, un par to ir pilnībā atbildīgs iepriekš norādītais ražotājs. |                                                                                                                                 |      |                   |                                            |      |                   |  |

Ražotāja vārdā un vārdā parakstījis:  
Pētniecības un attīstības departamenta vadītājs Silvestrs Kalvinskis

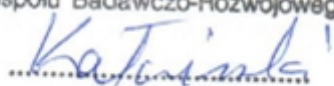
Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  


FLOKI/M/L/V1/2025/DOP

|    |                                                                                                                                                                                                                                                         |                                                                                                                                |      |                   |                                       |                                            |     |                   |     |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|-------------------|---------------------------------------|--------------------------------------------|-----|-------------------|-----|
| 1. | Unikalus produkto tipo identifikavimo kodas:                                                                                                                                                                                                            | FLOKI/M/L                                                                                                                      |      |                   |                                       |                                            |     |                   |     |
|    | Produkto tipas                                                                                                                                                                                                                                          | Tipas BE                                                                                                                       |      |                   |                                       |                                            |     |                   |     |
| 2. | Paskirtis (-ai):                                                                                                                                                                                                                                        | Pastatų kambarių šildymas                                                                                                      |      |                   |                                       |                                            |     |                   |     |
| 3. | Gamintojas:                                                                                                                                                                                                                                             | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |      |                   |                                       |                                            |     |                   |     |
| 4. | Igaliotasis atstovas                                                                                                                                                                                                                                    | -                                                                                                                              |      |                   |                                       |                                            |     |                   |     |
| 5. | Eksplotacinių savybių pastovumo vertinimo ir tikrinimo sistema (-os):                                                                                                                                                                                   | 3 sistema                                                                                                                      |      |                   |                                       |                                            |     |                   |     |
| 6. | Naudotos suderintos techninės specifikacijos                                                                                                                                                                                                            | EN 16510-2-2:2023-06                                                                                                           |      |                   |                                       |                                            |     |                   |     |
|    | Bandymo ataskaitos nr.                                                                                                                                                                                                                                  | CUE.4032.041.1.2024.LG060                                                                                                      |      |                   |                                       |                                            |     |                   |     |
|    | Notifikuotoji įstaiga (-os).                                                                                                                                                                                                                            | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |      |                   |                                       |                                            |     |                   |     |
| 7. | Priešgaisrinė sauga                                                                                                                                                                                                                                     | Atitinka                                                                                                                       |      |                   |                                       |                                            |     |                   |     |
|    | Dūmtakių ortakių ir dūmtraukių mechaninis stiprumas                                                                                                                                                                                                     | Atitinka                                                                                                                       |      |                   |                                       |                                            |     |                   |     |
|    | Išorinio paviršiaus temperatūra                                                                                                                                                                                                                         | Atitinka                                                                                                                       |      |                   |                                       |                                            |     |                   |     |
|    | Elektros sauga                                                                                                                                                                                                                                          | NPD                                                                                                                            |      |                   |                                       |                                            |     |                   |     |
|    | Pavojingų medžiagų išleidimas                                                                                                                                                                                                                           | NPD                                                                                                                            |      |                   |                                       |                                            |     |                   |     |
|    |                                                                                                                                                                                                                                                         | Esant nominaliam šilumos išėikvojimui                                                                                          |      |                   |                                       |                                            |     |                   |     |
|    | Anglies monoksido išmetimas                                                                                                                                                                                                                             | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 1033 | mg/m <sup>3</sup> | Esant daliai apkrovai, šiluminė galia | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |     |
|    | Azoto oksidų išmetimas                                                                                                                                                                                                                                  | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135  | mg/m <sup>3</sup> |                                       | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD | mg/m <sup>3</sup> |     |
|    | Angliavandenilių išmetimas                                                                                                                                                                                                                              | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74   | mg/m <sup>3</sup> |                                       | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD | mg/m <sup>3</sup> |     |
|    | Kietųjų dalelių išmetimas                                                                                                                                                                                                                               | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28   | mg/m <sup>3</sup> |                                       | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |     |
|    |                                                                                                                                                                                                                                                         | Esant nominaliam šilumos išėikvojimui                                                                                          |      |                   |                                       |                                            |     |                   |     |
|    | Dūmtakio išleidimo angos temperatūra                                                                                                                                                                                                                    | T <sub>snom</sub>                                                                                                              | 235  | °C                | Esant daliai apkrovai, šiluminė galia | T <sub>spart</sub>                         | NPD | °C                |     |
|    | Minimali kamino trauka                                                                                                                                                                                                                                  | P <sub>nom</sub>                                                                                                               | 12   | Pa                |                                       | P <sub>part</sub>                          | NPD | Pa                |     |
|    | Sausų degiųjų dujų masės srautas                                                                                                                                                                                                                        | Φ <sub>f,g nom</sub>                                                                                                           | 9    | g/s               |                                       | Φ <sub>f,g part</sub>                      | NPD | g/s               |     |
|    |                                                                                                                                                                                                                                                         | Esant nominaliam šilumos išėikvojimui                                                                                          |      |                   |                                       |                                            |     |                   |     |
|    | Šilumos išėiga                                                                                                                                                                                                                                          | P <sub>nom</sub>                                                                                                               | 10   | kW                | Esant daliai apkrovai, šiluminė galia | P <sub>part</sub>                          | NPD | kW                |     |
|    | Vandens šilumos išėiga                                                                                                                                                                                                                                  | P <sub>wnom</sub>                                                                                                              | NPD  | kW                |                                       | P <sub>wpart</sub>                         | NPD | kW                |     |
|    | Sezoninis šildymo efektyvumas                                                                                                                                                                                                                           | η <sub>nom</sub>                                                                                                               | 83.6 | %                 |                                       | η <sub>part</sub>                          | NPD | %                 |     |
|    | Efektyvumas                                                                                                                                                                                                                                             | η <sub>s</sub>                                                                                                                 | 74   | %                 |                                       |                                            |     |                   |     |
|    | Energijos vartojimo efektyvumas                                                                                                                                                                                                                         | Energijos vartojimo efektyvumo indeksas                                                                                        |      |                   |                                       |                                            |     | EEI               | 111 |
|    |                                                                                                                                                                                                                                                         | Energijos vartojimo efektyvumo klasė                                                                                           |      |                   |                                       |                                            |     | -                 | A+  |
|    | Elektros energijos suvartojimas                                                                                                                                                                                                                         | e <sub>l,max</sub>                                                                                                             | NPD  | kW                |                                       | e <sub>l,min</sub>                         | NPD | kW                |     |
|    | Elektros energijos suvartojimas budėjimo režimu                                                                                                                                                                                                         | e <sub>l,SB</sub>                                                                                                              |      | kW                |                                       |                                            |     |                   |     |
|    | Minimalus atstumas nuo galo iki degių medžiagų                                                                                                                                                                                                          |                                                                                                                                |      |                   | d <sub>R</sub>                        | 180                                        | mm  |                   |     |
|    | Minimalus atstumas nuo šonų iki degių medžiagų                                                                                                                                                                                                          |                                                                                                                                |      |                   | d <sub>S</sub>                        | 180                                        | mm  |                   |     |
|    | Minimalus atstumas nuo viršaus iki degių medžiagų lubose                                                                                                                                                                                                |                                                                                                                                |      |                   | d <sub>C</sub>                        | 800                                        | mm  |                   |     |
|    | Minimalus atstumas nuo priekio iki degių medžiagų                                                                                                                                                                                                       |                                                                                                                                |      |                   | d <sub>P</sub>                        | 1500                                       | mm  |                   |     |
|    | Minimalūs atstumai nuo priekio do degių medžiagų apatinėje priekinėje spinduliuotės zonoje                                                                                                                                                              |                                                                                                                                |      |                   | d <sub>F</sub>                        | 1500                                       | mm  |                   |     |
|    | Minimalūs atstumai nuo priekio iki degių medžiagų šoninėje priekinėje spinduliuotės zonoje                                                                                                                                                              |                                                                                                                                |      |                   | d <sub>L</sub>                        | NPD                                        | mm  |                   |     |
|    | Minimalus atstumas žemiau dugno (neatsižvelgiant į kojas) iki degių medžiagų                                                                                                                                                                            |                                                                                                                                |      |                   | d <sub>B</sub>                        | 0                                          | mm  |                   |     |
|    | Aplinkos tvarumas                                                                                                                                                                                                                                       | NPD                                                                                                                            |      |                   |                                       |                                            |     |                   |     |
|    | Pirmiau nurodyto gaminio eksploatacinės savybės atitinka deklaruotų eksploatacinių savybių rinkinį. Ši eksploatacinių savybių deklaracija išduodama vadovaujantis Reglamentu (ES) Nr. 305/2011, prisiimant visą aukščiau nurodyto gamintojo atsakomybę. |                                                                                                                                |      |                   |                                       |                                            |     |                   |     |

Gamintojo vardu ir vardu pasirašė:  
Tyrimų ir plėtros skyriaus vadovas Sylwester Katwiński

Kierownik  
Zespołu Badawczo-Rozwojowego  


Wsola 2025-11-22

FLOKI/M/L/V1/2025/DOP

|    |                                                                |                                                                                                                                |
|----|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. | Unik identifikationskod för produkttypen:                      | FLOKI/M/L                                                                                                                      |
|    | Produkttyp                                                     | Typ BE                                                                                                                         |
| 2. | Avsedd användning:                                             | Uppvärmning av rum i byggnader                                                                                                 |
| 3. | Tillverkare:                                                   | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |
| 4. | Auktoriserad representant                                      | -                                                                                                                              |
| 5. | System för bedömning och verifiering av prestandabeständighet: | System 3                                                                                                                       |
| 6. | Harmoniserade tekniska specifikationer som används             | EN 16510-2-2:2023-06                                                                                                           |
|    | Testrapport nr.                                                | CUE.4032.041.1.2024.LG060                                                                                                      |
|    | Anmälda organ                                                  | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |

|    |                                                       |        |
|----|-------------------------------------------------------|--------|
| 7. | Brandsäkerhet                                         | Följer |
|    | Mekanisk hållfasthet hos rökgaskanaler och rökkanaler | Följer |
|    | Yttre temperatur                                      | Följer |
|    | Elsäkerhet                                            | NPD    |
|    | Utsläpp av farligt material                           | NPD    |

|                      |                                           |      |                   |                                            |     |                   |
|----------------------|-------------------------------------------|------|-------------------|--------------------------------------------|-----|-------------------|
|                      | Vid nominell värmeeffekt                  |      |                   | Vid dellast värmeeffekt                    |     |                   |
| Kolmonoxidutsläpp    | CO <sub>nom</sub> (13% O <sub>2</sub> )   | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
| Kväveoxidutsläpp     | NO <sub>x nom</sub> (13% O <sub>2</sub> ) | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD | mg/m <sup>3</sup> |
| Kolväteutsläpp       | OGC <sub>nom</sub> (13% O <sub>2</sub> )  | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD | mg/m <sup>3</sup> |
| Utsläpp av partiklar | PM <sub>nom</sub> (13% O <sub>2</sub> )   | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |

|                              |                          |     |     |                         |     |     |
|------------------------------|--------------------------|-----|-----|-------------------------|-----|-----|
|                              | Vid nominell värmeeffekt |     |     | Vid dellast värmeeffekt |     |     |
| Temperatur på rökgasutloppet | T <sub>snom</sub>        | 235 | °C  | T <sub>spart</sub>      | NPD | °C  |
| Minsta skorstensdrag         | P <sub>nom</sub>         | 12  | Pa  | P <sub>part</sub>       | NPD | Pa  |
| Torrt bränslegasmassflöde    | Φ <sub>f,g nom</sub>     | 9   | g/s | Φ <sub>f,g part</sub>   | NPD | g/s |

|                                        |                          |      |    |                         |     |     |
|----------------------------------------|--------------------------|------|----|-------------------------|-----|-----|
|                                        | Vid nominell värmeeffekt |      |    | Vid dellast värmeeffekt |     |     |
| Värmeeffekt                            | P <sub>nom</sub>         | 10   | kW | P <sub>part</sub>       | NPD | kW  |
| Vattenvärmeeffekt                      | P <sub>wnom</sub>        | NPD  | kW | P <sub>wpart</sub>      | NPD | kW  |
| Säsongsbunden uppvärmningseffektivitet | η <sub>nom</sub>         | 83.6 | %  | η <sub>part</sub>       | NPD | %   |
| Effektivitet                           | η <sub>s</sub>           | 74   | %  |                         |     |     |
| Energieffektivitet                     | Energieffektivitetsindex |      |    |                         | EEI | 111 |
|                                        | Energieffektivitetsklass |      |    |                         | -   | A+  |
| Elförbrukning                          | el <sub>max</sub>        | NPD  | kW | el <sub>min</sub>       | NPD | kW  |
| Elförbrukning i standbyläge            | el <sub>SB</sub>         |      | kW |                         |     |     |

|                                                                                            |                |      |    |
|--------------------------------------------------------------------------------------------|----------------|------|----|
| Minsta avstånd från baksidan till brännbart material                                       | d <sub>R</sub> | 180  | mm |
| Minsta avstånd från sidorna till brännbart material                                        | d <sub>S</sub> | 180  | mm |
| Minsta avstånd från toppen till brännbart material i taket                                 | d <sub>C</sub> | 800  | mm |
| Minsta avstånd från framsidan till brännbart material                                      | d <sub>P</sub> | 1500 | mm |
| Minsta avstånd från framsidan till brännbart material i det nedre främre strålningsområdet | d <sub>F</sub> | 1500 | mm |
| Minsta avstånd från framsidan till brännbart material i sidostrålningsområde               | d <sub>L</sub> | NPD  | mm |
| Minsta avstånd under botten (gäller ej fötter) till brännbart material                     | d <sub>B</sub> | 0    | mm |

|                        |     |
|------------------------|-----|
| Miljömässig hållbarhet | NPD |
|------------------------|-----|

Prestanda för produkten som identifieras ovan är i överensstämmelse med uppsättningen av deklarerade prestanda/er. Denna prestandadeklARATION utfärdas, i enlighet med förordning (EU) nr 305/2011, under ensamt ansvar av tillverkaren som anges ovan.

Signerad för och på uppdrag av tillverkaren av:  
Chef för forsknings- och utvecklingsavdelningen Sylwester Katwiński

Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  
*Katwiński*

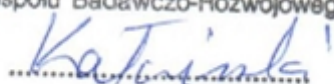


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|                                                                                                                                                                                                                               |                                                                                                      |                                                                                                                                |      |                   |                                            |     |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|-------------------|--------------------------------------------|-----|-------------------|
| 1.                                                                                                                                                                                                                            | Enolična identifikacijska koda vrste izdelka:                                                        | FLOKI/M/L                                                                                                                      |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               | Vrsta izdelka                                                                                        | Vrsta BE                                                                                                                       |      |                   |                                            |     |                   |
| 2.                                                                                                                                                                                                                            | Namen uporabe:                                                                                       | Ogrevanje prostorov v stavbah                                                                                                  |      |                   |                                            |     |                   |
| 3.                                                                                                                                                                                                                            | Proizvajalec:                                                                                        | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |      |                   |                                            |     |                   |
| 4.                                                                                                                                                                                                                            | Pooblaščen zastopnik                                                                                 | -                                                                                                                              |      |                   |                                            |     |                   |
| 5.                                                                                                                                                                                                                            | Sistem(-i) ocenjevanja in preverjanja nespremenljivosti delovanja:                                   | Sistem 3                                                                                                                       |      |                   |                                            |     |                   |
| 6.                                                                                                                                                                                                                            | Uporabljene usklajene tehnične specifikacije                                                         | EN 16510-2-2:2023-06                                                                                                           |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               | Poročilo o preskusu št.                                                                              | CUE.4032.041.1.2024.LG060                                                                                                      |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               | Priglašeni organ/-i                                                                                  | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |      |                   |                                            |     |                   |
| 7.                                                                                                                                                                                                                            | Požarna varnost                                                                                      | Ustreza                                                                                                                        |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               | Mehanska trdnost dimovodnih kanalov in dimnih cevi                                                   | Ustreza                                                                                                                        |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               | Temperatura zunanje površine                                                                         | Ustreza                                                                                                                        |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               | Električna varnost                                                                                   | NPD                                                                                                                            |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               | Izpust nevarnih snovi                                                                                | NPD                                                                                                                            |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               |                                                                                                      |                                                                                                                                |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               |                                                                                                      | Pri nazivni toplotni moči                                                                                                      |      |                   | Pri delni obremenitvi toplotne moči        |     |                   |
|                                                                                                                                                                                                                               | Emisije ogljikovega monoksida                                                                        | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                               | Emisije dušikovih oksidov                                                                            | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                               | Emisije ogljikovodikov                                                                               | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                               | Emisije trdnih delcev                                                                                | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                               |                                                                                                      |                                                                                                                                |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               |                                                                                                      | Pri nazivni toplotni moči                                                                                                      |      |                   | Pri delni obremenitvi toplotne moči        |     |                   |
|                                                                                                                                                                                                                               | Temperatura izhoda dimnih plinov                                                                     | T <sub>snom</sub>                                                                                                              | 235  | °C                | T <sub>spart</sub>                         | NPD | °C                |
|                                                                                                                                                                                                                               | Minimalni vlek dimnika                                                                               | P <sub>nom</sub>                                                                                                               | 12   | Pa                | P <sub>part</sub>                          | NPD | Pa                |
|                                                                                                                                                                                                                               | Masni pretok suhega dimnega plina                                                                    | Φ <sub>f,g nom</sub>                                                                                                           | 9    | g/s               | Φ <sub>f,g part</sub>                      | NPD | g/s               |
|                                                                                                                                                                                                                               |                                                                                                      |                                                                                                                                |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               |                                                                                                      | Pri nazivni toplotni moči                                                                                                      |      |                   | Pri delni obremenitvi toplotne moči        |     |                   |
|                                                                                                                                                                                                                               | Toplotna moč                                                                                         | P <sub>nom</sub>                                                                                                               | 10   | kW                | P <sub>part</sub>                          | NPD | kW                |
|                                                                                                                                                                                                                               | Izhodna toplota vode                                                                                 | P <sub>wnom</sub>                                                                                                              | NPD  | kW                | P <sub>wpart</sub>                         | NPD | kW                |
|                                                                                                                                                                                                                               | Sezonska učinkovitost ogrevanja                                                                      | η <sub>nom</sub>                                                                                                               | 83.6 | %                 | η <sub>part</sub>                          | NPD | %                 |
|                                                                                                                                                                                                                               | Učinkovitost                                                                                         | η <sub>s</sub>                                                                                                                 | 74   | %                 |                                            |     |                   |
|                                                                                                                                                                                                                               | Energetska učinkovitost                                                                              | Indeks energetske učinkovitosti                                                                                                |      |                   |                                            | EEI | 111               |
|                                                                                                                                                                                                                               |                                                                                                      | Razred energijske učinkovitosti                                                                                                |      |                   |                                            | -   | A+                |
|                                                                                                                                                                                                                               | Poraba električne energije                                                                           | el <sub>max</sub>                                                                                                              | NPD  | kW                | el <sub>min</sub>                          | NPD | kW                |
|                                                                                                                                                                                                                               | Poraba električne energije v stanju pripravljenosti                                                  | el <sub>SB</sub>                                                                                                               |      | kW                |                                            |     |                   |
|                                                                                                                                                                                                                               |                                                                                                      |                                                                                                                                |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               | Najmanjša razdalja od zadnjega dela do vnetljivega materiala                                         | d <sub>R</sub>                                                                                                                 | 180  | mm                |                                            |     |                   |
|                                                                                                                                                                                                                               | Najmanjša razdalja od stranic do vnetljivega materiala                                               | d <sub>S</sub>                                                                                                                 | 180  | mm                |                                            |     |                   |
|                                                                                                                                                                                                                               | Najmanjša razdalja od vrha do vnetljivega materiala v stropu                                         | d <sub>C</sub>                                                                                                                 | 800  | mm                |                                            |     |                   |
|                                                                                                                                                                                                                               | Najmanjša razdalja od sprednje strani do vnetljivega materiala                                       | d <sub>P</sub>                                                                                                                 | 1500 | mm                |                                            |     |                   |
|                                                                                                                                                                                                                               | Najmanjše razdalje od sprednje strani do vnetljivega materiala v spodnjem sprednjem območju sevanja  | d <sub>F</sub>                                                                                                                 | 1500 | mm                |                                            |     |                   |
|                                                                                                                                                                                                                               | Najmanjše razdalje od sprednje strani do vnetljivega materiala v stranskem sprednjem območju sevanja | d <sub>L</sub>                                                                                                                 | NPD  | mm                |                                            |     |                   |
|                                                                                                                                                                                                                               | Najmanjša razdalja pod dnom (brez upoštevanja nog) do vnetljivega materiala                          | d <sub>B</sub>                                                                                                                 | 0    | mm                |                                            |     |                   |
|                                                                                                                                                                                                                               |                                                                                                      |                                                                                                                                |      |                   |                                            |     |                   |
|                                                                                                                                                                                                                               | Okoljska trajnost                                                                                    | NPD                                                                                                                            |      |                   |                                            |     |                   |
| Učinkovitost izdelka, opredeljena zgoraj, je v skladu z naborom deklariranih zmogljivosti. Ta izjava o zmogljivosti je v skladu z Uredbo (EU) št. 305/2011 izdana pod izključno odgovornostjo zgoraj navedenega proizvajalca. |                                                                                                      |                                                                                                                                |      |                   |                                            |     |                   |

Podpisal za in v imenu proizvajalca:  
Vodja oddelka za raziskave in razvoj Sylwester Kałwiński

Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  


FLOKI/M/L/V1/2025/DOP

|    |                                                                     |                                                                                                                                |                           |                                     |                                            |                                     |                   |  |
|----|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------|--------------------------------------------|-------------------------------------|-------------------|--|
| 1. | Jedinečný identifikačný kód typu produktu:                          | FLOKI/M/L                                                                                                                      |                           |                                     |                                            |                                     |                   |  |
|    | Vrsta izdelka                                                       | Vrsta BE                                                                                                                       |                           |                                     |                                            |                                     |                   |  |
| 2. | Zamýšľané použitie:                                                 | Vykurovanie miestností v budovách                                                                                              |                           |                                     |                                            |                                     |                   |  |
| 3. | Výrobca:                                                            | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |                           |                                     |                                            |                                     |                   |  |
| 4. | Pooblaščení zastopník                                               | -                                                                                                                              |                           |                                     |                                            |                                     |                   |  |
| 5. | Systém(y) posudzovania a overovania stálosti úžitkových vlastností: | Systém 3                                                                                                                       |                           |                                     |                                            |                                     |                   |  |
| 6. | Uporabljene usklajene tehnične specifikacije                        | EN 16510-2-2:2023-06                                                                                                           |                           |                                     |                                            |                                     |                   |  |
|    | Poročilo o preskusu št.                                             | CUE.4032.041.1.2024.LG060                                                                                                      |                           |                                     |                                            |                                     |                   |  |
|    | Notifikovaný orgán/y                                                | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |                           |                                     |                                            |                                     |                   |  |
| 7. | Požiarna bezpečnosť                                                 | Vyhovuje                                                                                                                       |                           |                                     |                                            |                                     |                   |  |
|    | Mehanska trdnost dimovodnih kanalov in dimnih cevi                  | Vyhovuje                                                                                                                       |                           |                                     |                                            |                                     |                   |  |
|    | Vonkajšia povrchová teplota                                         | Vyhovuje                                                                                                                       |                           |                                     |                                            |                                     |                   |  |
|    | Elektrická bezpečnosť                                               | NPD                                                                                                                            |                           |                                     |                                            |                                     |                   |  |
|    | Uvoľňovanie nebezpečných látok                                      | NPD                                                                                                                            |                           |                                     |                                            |                                     |                   |  |
|    |                                                                     |                                                                                                                                |                           |                                     |                                            |                                     |                   |  |
|    | Pri nazivni toplotni moči                                           |                                                                                                                                |                           | Pri delni obremenitvi toplotne moči |                                            |                                     |                   |  |
|    | Emisije ogljikovega monoksida                                       | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 1033                      | mg/m <sup>3</sup>                   | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD                                 | mg/m <sup>3</sup> |  |
|    | Emisije dušikovih oksidov                                           | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135                       | mg/m <sup>3</sup>                   | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD                                 | mg/m <sup>3</sup> |  |
|    | Emisije ogljikovodíkov                                              | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74                        | mg/m <sup>3</sup>                   | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD                                 | mg/m <sup>3</sup> |  |
|    | Emisije trdnih delcev                                               | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28                        | mg/m <sup>3</sup>                   | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD                                 | mg/m <sup>3</sup> |  |
|    |                                                                     |                                                                                                                                | Pri nazivni toplotni moči |                                     |                                            | Pri delni obremenitvi toplotne moči |                   |  |
|    | Temperatura izhoda dimnih plinov                                    | T <sub>snom</sub>                                                                                                              | 235                       | °C                                  | T <sub>spart</sub>                         | NPD                                 | °C                |  |
|    | Minimalni vlek dimnika                                              | P <sub>nom</sub>                                                                                                               | 12                        | Pa                                  | P <sub>part</sub>                          | NPD                                 | Pa                |  |
|    | Masni pretok suhega dimnega plina                                   | Φ <sub>f,g nom</sub>                                                                                                           | 9                         | g/s                                 | Φ <sub>f,g part</sub>                      | NPD                                 | g/s               |  |
|    |                                                                     |                                                                                                                                | Pri nazivni toplotni moči |                                     |                                            | Pri delni obremenitvi toplotne moči |                   |  |
|    | Toplotna moč                                                        | P <sub>nom</sub>                                                                                                               | 10                        | kW                                  | P <sub>part</sub>                          | NPD                                 | kW                |  |
|    | Izhodna toplota vode                                                | P <sub>wnom</sub>                                                                                                              | NPD                       | kW                                  | P <sub>wpart</sub>                         | NPD                                 | kW                |  |
|    | Sezonska učinkovitost ogrevanja                                     | η <sub>nom</sub>                                                                                                               | 83.6                      | %                                   | η <sub>part</sub>                          | NPD                                 | %                 |  |
|    | Učinkovitost                                                        | η <sub>s</sub>                                                                                                                 | 74                        | %                                   |                                            |                                     |                   |  |
|    | Energetska učinkovitost                                             |                                                                                                                                |                           |                                     |                                            |                                     |                   |  |

FLOKI/M/L/V1/2025/DOP

|    |                                                                    |                                                                                                                                |
|----|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. | Unik identifikationskode for produkttypen:                         | FLOKI/M/L                                                                                                                      |
|    | Produkttype                                                        | Type BE                                                                                                                        |
| 2. | Tilsigtet anvendelse(r):                                           | Opvarmning af rum i bygninger                                                                                                  |
| 3. | Fabrikant:                                                         | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedliński, Polska, 0048483899914, info@kratki.com, www.kratki.com      |
| 4. | Autoriseret repræsentant                                           | -                                                                                                                              |
| 5. | System(er) til vurdering og verifikation af ydeevnens konstanthed: | System 3                                                                                                                       |
| 6. | Harmoniserede tekniske specifikationer anvendt                     | EN 16510-2-2:2023-06                                                                                                           |
|    | Testrapport nr.                                                    | CUE.4032.041.1.2024.LG060                                                                                                      |
|    | Bemyndiget organ/er                                                | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |

|    |                                              |            |
|----|----------------------------------------------|------------|
| 7. | Brandsikkerhed                               | Overholder |
|    | Mekanisk styrke af røggaskanaler og -kanaler | Overholder |
|    | Udvendig overfladetemperatur                 | Overholder |
|    | Elektrisk sikkerhed                          | NPD        |
|    | Frigivelse af farlige materialer             | NPD        |

|                         | Ved nominel varmeydelse                   |      |                   | Ved dellast varmeydelse                    |     |                   |
|-------------------------|-------------------------------------------|------|-------------------|--------------------------------------------|-----|-------------------|
| Kulilteemissioner       | CO <sub>nom</sub> (13% O <sub>2</sub> )   | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
| Kvælstofoxidemissioner  | NO <sub>x nom</sub> (13% O <sub>2</sub> ) | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD | mg/m <sup>3</sup> |
| Kulbrinteemissioner     | OGC <sub>nom</sub> (13% O <sub>2</sub> )  | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD | mg/m <sup>3</sup> |
| Emissioner af partikler | PM <sub>nom</sub> (13% O <sub>2</sub> )   | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |

|                                         | Ved nominel varmeydelse |     |     | Ved dellast varmeydelse |     |     |
|-----------------------------------------|-------------------------|-----|-----|-------------------------|-----|-----|
| Udgangstemperatur for røggas            | T <sub>snom</sub>       | 235 | °C  | T <sub>spart</sub>      | NPD | °C  |
| Mindste skorstenstræk                   | P <sub>nom</sub>        | 12  | Pa  | P <sub>part</sub>       | NPD | Pa  |
| Massestrømningshastighed for tør røggas | Φ <sub>f,g nom</sub>    | 9   | g/s | Φ <sub>f,g part</sub>   | NPD | g/s |

|                                      | Ved nominel varmeydelse   |      |    | Ved dellast varmeydelse |     |     |
|--------------------------------------|---------------------------|------|----|-------------------------|-----|-----|
| Varmeafgivelse                       | P <sub>nom</sub>          | 10   | kW | P <sub>part</sub>       | NPD | kW  |
| Vandvarmeydelse                      | P <sub>wnom</sub>         | NPD  | kW | P <sub>wpart</sub>      | NPD | kW  |
| Sæsonbestemt opvarmningseffektivitet | η <sub>nom</sub>          | 83.6 | %  | η <sub>part</sub>       | NPD | %   |
| Effektivitet                         | η <sub>s</sub>            | 74   | %  |                         |     |     |
| Energieffektivitet                   | Energieffektivitetsindeks |      |    |                         | EEI | 111 |
|                                      | Energieffektivitetsklasse |      |    |                         | -   | A+  |
| Elforbrug                            | el <sub>max</sub>         | NPD  | kW | el <sub>min</sub>       | NPD | kW  |
| Elforbrug i standbytilstand          | el <sub>SB</sub>          |      | kW |                         |     |     |

|                                                                                               |                |      |    |
|-----------------------------------------------------------------------------------------------|----------------|------|----|
| Minimumsafstand fra bagsiden til brandbart materiale                                          | d <sub>R</sub> | 180  | mm |
| Minimumsafstand fra siderne til brændbart materiale                                           | d <sub>S</sub> | 180  | mm |
| Minimumsafstand fra toppen til brændbart materiale i loftet                                   | d <sub>C</sub> | 800  | mm |
| Minimumsafstand fra forsiden til brændbart materiale                                          | d <sub>P</sub> | 1500 | mm |
| Minimumsafstande fra fronten til brændbart materiale i det nederste, forreste strålingsområde | d <sub>F</sub> | 1500 | mm |
| Minimumsafstande fra fronten til brændbart materiale i sidefrontstrålingsområdet              | d <sub>L</sub> | NPD  | mm |
| Minimumsafstand under bunden (ikke med hensyn til fødder) til brandbart materiale             | d <sub>B</sub> | 0    | mm |

|                                                                                                                                                                                                                                                          |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Miljømæssig bæredygtighed                                                                                                                                                                                                                                | NPD |
| Ydeevnen af det ovenfor identificerede produkt er i overensstemmelse med sættet af deklarerede ydeevne(r). Denne ydeevnedeklaration er udstedt i overensstemmelse med forordning (EU) nr. 305/2011 på eneansvar af den ovenfor identificerede fabrikant. |     |

Underskrevet for og på vegne af producenten af:  
Leder af forsknings- og udviklingsafdelingen Sylwester Kałwiński

Wsola 2025-11-22

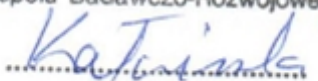
Kierownik  
Zespołu Badawczo-Rozwojowego  
*Kałwiński*

FLOKI/M/L/V1/2025/DOP

|    |                                                                                                                                                                                                                           |                                                                                                                                |      |                   |                                               |                       |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|-------------------|-----------------------------------------------|-----------------------|
| 1. | Jedinstveni identifikacijski kod vrste proizvoda:                                                                                                                                                                         | FLOKI/M/L                                                                                                                      |      |                   |                                               |                       |
|    | Vrsta proizvoda                                                                                                                                                                                                           | Tip BE                                                                                                                         |      |                   |                                               |                       |
| 2. | Namjena(e):                                                                                                                                                                                                               | Grijanje prostorija u zgradama                                                                                                 |      |                   |                                               |                       |
| 3. | Proizvođač:                                                                                                                                                                                                               | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |      |                   |                                               |                       |
| 4. | Ovlašteni predstavnik                                                                                                                                                                                                     | -                                                                                                                              |      |                   |                                               |                       |
| 5. | Sustav(i) ocjenjivanja i provjere stalnosti svojstava:                                                                                                                                                                    | Sustav 3                                                                                                                       |      |                   |                                               |                       |
| 6. | Korištene usklađene tehničke specifikacije                                                                                                                                                                                | EN 16510-2-2:2023-06                                                                                                           |      |                   |                                               |                       |
|    | Izvešće o ispitivanju br.                                                                                                                                                                                                 | CUE.4032.041.1.2024.LG060                                                                                                      |      |                   |                                               |                       |
|    | Prijavljeno tijelo/a                                                                                                                                                                                                      | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |      |                   |                                               |                       |
| 7. |                                                                                                                                                                                                                           |                                                                                                                                |      |                   |                                               |                       |
|    | Sigurnost od požara                                                                                                                                                                                                       | Sukladno                                                                                                                       |      |                   |                                               |                       |
|    | Mehanička čvrstoća dimovodnih kanala i dimnjaka                                                                                                                                                                           | Sukladno                                                                                                                       |      |                   |                                               |                       |
|    | Temperatura vanjske površine                                                                                                                                                                                              | Sukladno                                                                                                                       |      |                   |                                               |                       |
|    | Električna sigurnost                                                                                                                                                                                                      | NPD                                                                                                                            |      |                   |                                               |                       |
|    | Ispuštanje opasnih materijala                                                                                                                                                                                             | NPD                                                                                                                            |      |                   |                                               |                       |
|    |                                                                                                                                                                                                                           |                                                                                                                                |      |                   |                                               |                       |
|    |                                                                                                                                                                                                                           | Pri nominalnom toplinskom učinku                                                                                               |      |                   | Pri djelomičnom opterećenju toplinskog izlaza |                       |
|    | Emisije ugljičnog monoksida                                                                                                                                                                                               | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )      | NPD mg/m <sup>3</sup> |
|    | Emisije dušikovih oksida                                                                                                                                                                                                  | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> )    | NPD mg/m <sup>3</sup> |
|    | Emisije ugljikovodika                                                                                                                                                                                                     | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )     | NPD mg/m <sup>3</sup> |
|    | Emisije čestica                                                                                                                                                                                                           | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )      | NPD mg/m <sup>3</sup> |
|    |                                                                                                                                                                                                                           |                                                                                                                                |      |                   |                                               |                       |
|    |                                                                                                                                                                                                                           | Pri nominalnom toplinskom učinku                                                                                               |      |                   | Pri djelomičnom opterećenju toplinskog izlaza |                       |
|    | Temperatura izlaza dimnih plinova                                                                                                                                                                                         | T <sub>snom</sub>                                                                                                              | 235  | °C                | T <sub>spart</sub>                            | NPD °C                |
|    | Minimalni dimnjak potisak                                                                                                                                                                                                 | P <sub>nom</sub>                                                                                                               | 12   | Pa                | P <sub>part</sub>                             | NPD Pa                |
|    | Maseni protok suhog plina                                                                                                                                                                                                 | Φ <sub>f,g nom</sub>                                                                                                           | 9    | g/s               | Φ <sub>f,g part</sub>                         | NPD g/s               |
|    |                                                                                                                                                                                                                           |                                                                                                                                |      |                   |                                               |                       |
|    |                                                                                                                                                                                                                           | Pri nominalnom toplinskom učinku                                                                                               |      |                   | Pri djelomičnom opterećenju toplinskog izlaza |                       |
|    | Toplinski izlaz                                                                                                                                                                                                           | P <sub>nom</sub>                                                                                                               | 10   | kW                | P <sub>part</sub>                             | NPD kW                |
|    | Toplinska snaga vode                                                                                                                                                                                                      | P <sub>wnom</sub>                                                                                                              | NPD  | kW                | P <sub>wpart</sub>                            | NPD kW                |
|    | Sezonska učinkovitost grijanja                                                                                                                                                                                            | η <sub>nom</sub>                                                                                                               | 83.6 | %                 | η <sub>part</sub>                             | NPD %                 |
|    | Učinkovitost                                                                                                                                                                                                              | η <sub>s</sub>                                                                                                                 | 74   | %                 |                                               |                       |
|    | Energetska učinkovitost                                                                                                                                                                                                   | Indeks energetske učinkovitosti                                                                                                |      |                   | EEI                                           | 111                   |
|    |                                                                                                                                                                                                                           | Razred energetske učinkovitosti                                                                                                |      |                   | -                                             | A+                    |
|    | Potrošnja električne energije                                                                                                                                                                                             | el <sub>max</sub>                                                                                                              | NPD  | kW                | el <sub>min</sub>                             | NPD kW                |
|    | Potrošnja električne energije u stanju pripravnosti                                                                                                                                                                       | el <sub>SB</sub>                                                                                                               |      | kW                |                                               |                       |
|    |                                                                                                                                                                                                                           |                                                                                                                                |      |                   |                                               |                       |
|    | Minimalna udaljenost od stražnjeg dijela do zapaljivog materijala                                                                                                                                                         |                                                                                                                                |      |                   | d <sub>R</sub>                                | 180 mm                |
|    | Minimalna udaljenost od stranica do zapaljivog materijala                                                                                                                                                                 |                                                                                                                                |      |                   | d <sub>S</sub>                                | 180 mm                |
|    | Minimalna udaljenost od vrha do zapaljivog materijala u stropu                                                                                                                                                            |                                                                                                                                |      |                   | d <sub>C</sub>                                | 800 mm                |
|    | Minimalna udaljenost od prednje strane do zapaljivog materijala                                                                                                                                                           |                                                                                                                                |      |                   | d <sub>P</sub>                                | 1500 mm               |
|    | Minimalne udaljenosti od prednje strane do zapaljivog materijala u donjem prednjem području zračenja                                                                                                                      |                                                                                                                                |      |                   | d <sub>F</sub>                                | 1500 mm               |
|    | Minimalne udaljenosti od prednje strane do zapaljivog materijala u bočnom prednjem području zračenja                                                                                                                      |                                                                                                                                |      |                   | d <sub>L</sub>                                | NPD mm                |
|    | Minimalna udaljenost ispod dna (ne uzimajući u obzir stopala) od zapaljivog materijala                                                                                                                                    |                                                                                                                                |      |                   | d <sub>B</sub>                                | 0 mm                  |
|    |                                                                                                                                                                                                                           |                                                                                                                                |      |                   |                                               |                       |
|    | Održivost okoliša                                                                                                                                                                                                         | NPD                                                                                                                            |      |                   |                                               |                       |
|    | Učinak proizvoda koji je gore identificiran u skladu je sa skupom deklariranih učinaka. Ova izjava o svojstvima izdana je, u skladu s Uredbom (EU) br. 305/2011, pod isključivom odgovornošću gore navedenog proizvođača. |                                                                                                                                |      |                   |                                               |                       |

Potpisao za i u ime proizvođača:  
Voditelj odjela za istraživanje i razvoj Sylwester Kałwiński

Wsola 2025-11-22

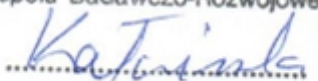
Kierownik  
Zespołu Badawczo-Rozwojowego  


FLOKI/M/L/V1/2025/DOP

|    |                                                                                                                                                                                  |                                                                                                                                 |      |                   |  |                                            |                       |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------|-------------------|--|--------------------------------------------|-----------------------|
| 1. | Tootetüübi unikaalne identifitseerimiskood:                                                                                                                                      | FLOKI/M/L                                                                                                                       |      |                   |  |                                            |                       |
|    | Toote tüüp                                                                                                                                                                       | Tüüp                                                                                                                            | BE   |                   |  |                                            |                       |
| 2. | Kasutusotstarve(d):                                                                                                                                                              | Hoonete ruumide kütmine                                                                                                         |      |                   |  |                                            |                       |
| 3. | Tootja:                                                                                                                                                                          | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com        |      |                   |  |                                            |                       |
| 4. | Volitatud esindaja                                                                                                                                                               | -                                                                                                                               |      |                   |  |                                            |                       |
| 5. | Toimivuse püsivuse hindamise ja kontrollimise süsteem(id):                                                                                                                       | Süsteem 3                                                                                                                       |      |                   |  |                                            |                       |
| 6. | Kasutatud ühtlustatud tehnilised kirjeldused                                                                                                                                     | EN 16510-2-2:2023-06                                                                                                            |      |                   |  |                                            |                       |
|    | Katsearuande nr.                                                                                                                                                                 | CUE.4032.041.1.2024.LG060                                                                                                       |      |                   |  |                                            |                       |
|    | Teavitatud asutus/asutused                                                                                                                                                       | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.iien.com.pl |      |                   |  |                                            |                       |
| 7. | Tuleohutus                                                                                                                                                                       | Vastab                                                                                                                          |      |                   |  |                                            |                       |
|    | Suitsugaasikanalite ja lõõride mehaaniline tugevus                                                                                                                               | Vastab                                                                                                                          |      |                   |  |                                            |                       |
|    | Välispinna temperatuur                                                                                                                                                           | Vastab                                                                                                                          |      |                   |  |                                            |                       |
|    | Elektriohutus                                                                                                                                                                    | NPD                                                                                                                             |      |                   |  |                                            |                       |
|    | Ohtlike materjalide eraldumine                                                                                                                                                   | NPD                                                                                                                             |      |                   |  |                                            |                       |
|    |                                                                                                                                                                                  | Nimisoojusvõimsusel                                                                                                             |      |                   |  | Osalise koormuse korral soojusvõimsus      |                       |
|    | Süsinikmonooksiidi heitkogused                                                                                                                                                   | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                         | 1033 | mg/m <sup>3</sup> |  | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|    | Lämmastikoksiidide heitkogused                                                                                                                                                   | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                       | 135  | mg/m <sup>3</sup> |  | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD mg/m <sup>3</sup> |
|    | Süivesinike heitkogused                                                                                                                                                          | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 74   | mg/m <sup>3</sup> |  | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD mg/m <sup>3</sup> |
|    | Tahkete osakeste heitkogused                                                                                                                                                     | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                         | 28   | mg/m <sup>3</sup> |  | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD mg/m <sup>3</sup> |
|    |                                                                                                                                                                                  | Nimisoojusvõimsusel                                                                                                             |      |                   |  | Osalise koormuse korral soojusvõimsus      |                       |
|    | Suitsugaasi väljalasketemperatuur                                                                                                                                                | T <sub>snom</sub>                                                                                                               | 235  | °C                |  | T <sub>spart</sub>                         | NPD °C                |
|    | Minimaalne korstnatõmme                                                                                                                                                          | P <sub>nom</sub>                                                                                                                | 12   | Pa                |  | P <sub>part</sub>                          | NPD Pa                |
|    | Kuiva kütusegaasi massivoolukiirus                                                                                                                                               | Φ <sub>f,g nom</sub>                                                                                                            | 9    | g/s               |  | Φ <sub>f,g part</sub>                      | NPD g/s               |
|    |                                                                                                                                                                                  | Nimisoojusvõimsusel                                                                                                             |      |                   |  | Osalise koormuse korral soojusvõimsus      |                       |
|    | Soojusvõimsus                                                                                                                                                                    | P <sub>nom</sub>                                                                                                                | 10   | kW                |  | P <sub>part</sub>                          | NPD kW                |
|    | Vee soojusvõimsus                                                                                                                                                                | P <sub>wnom</sub>                                                                                                               | NPD  | kW                |  | P <sub>wpart</sub>                         | NPD kW                |
|    | Hooajaline kütetõhusus                                                                                                                                                           | η <sub>nom</sub>                                                                                                                | 83.6 | %                 |  | η <sub>part</sub>                          | NPD %                 |
|    | Tõhusus                                                                                                                                                                          | η <sub>s</sub>                                                                                                                  | 74   | %                 |  |                                            |                       |
|    | Energiatõhusus                                                                                                                                                                   | Energiatõhususe indeks                                                                                                          |      |                   |  | EEI                                        | 111                   |
|    |                                                                                                                                                                                  | Energiatõhususe klass                                                                                                           |      |                   |  | -                                          | A+                    |
|    | Elektrienergia tarbimine                                                                                                                                                         | el <sub>max</sub>                                                                                                               | NPD  | kW                |  | el <sub>min</sub>                          | NPD kW                |
|    | Elektrienergia tarbimine ooterežiimis                                                                                                                                            | el <sub>SB</sub>                                                                                                                |      | kW                |  |                                            |                       |
|    | Minimaalne kaugus tagant süttiva materjalini                                                                                                                                     | d <sub>R</sub>                                                                                                                  |      |                   |  | 180                                        | mm                    |
|    | Minimaalne kaugus külgedelt põleva materjalini                                                                                                                                   | d <sub>S</sub>                                                                                                                  |      |                   |  | 180                                        | mm                    |
|    | Minimaalne kaugus laes olevast põlevast materjalist ülevalt                                                                                                                      | d <sub>C</sub>                                                                                                                  |      |                   |  | 800                                        | mm                    |
|    | Minimaalne kaugus esiosast põleva materjalini                                                                                                                                    | d <sub>P</sub>                                                                                                                  |      |                   |  | 1500                                       | mm                    |
|    | Minimaalsed kaugused esiosast põleva materjalini alumises esikiirgusalas                                                                                                         | d <sub>F</sub>                                                                                                                  |      |                   |  | 1500                                       | mm                    |
|    | Minimaalsed kaugused esiosast põleva materjalini külgmises esikiirgusalas                                                                                                        | d <sub>L</sub>                                                                                                                  |      |                   |  | NPD                                        | mm                    |
|    | Minimaalne kaugus põhjast (jalgu arvestamata) süttiva materjalini                                                                                                                | d <sub>B</sub>                                                                                                                  |      |                   |  | 0                                          | mm                    |
|    | Keskkonnasäästlikkus                                                                                                                                                             | NPD                                                                                                                             |      |                   |  |                                            |                       |
|    | Ülaltoodud toote toimivus vastab deklareeritud toimevõimele. See toimevõime deklaratsioon antakse välja vastavalt määrusele (EL) nr 305/2011 üldnimetatud tootja ainuvastutusel. |                                                                                                                                 |      |                   |  |                                            |                       |

Tootja nimel ja nimel allkirjastas:  
Teadus- ja arendusosakonna juhataja Sylwester Katwiński

Wsola 2025-11-22

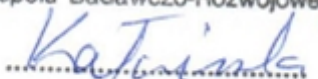
Kierownik  
Zespołu Badawczo-Rozwojowego  


FLOKI/M/L/V1/2025/DOP

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                       |                                                                                                                                |                           |                                                                                |          |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------|----------|-------------------|
| 1.                                                                                                                                                                                                                                                                  | Kodiċi ta' identifikazzjoni uniku tat-tip ta' prodott:<br>Tip ta' prodott                                                                                             | FLOKI/M/L<br>Tip                                                                                                               | BE                        |                                                                                |          |                   |
| 2.                                                                                                                                                                                                                                                                  | Użu(i) intenzjonat(i):                                                                                                                                                |                                                                                                                                |                           |                                                                                |          |                   |
| 3.                                                                                                                                                                                                                                                                  | Manifattur:                                                                                                                                                           | Kratki.pl Marek Bal, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |                           |                                                                                |          |                   |
| 4.                                                                                                                                                                                                                                                                  | Rappreżentant awtorizzat                                                                                                                                              | -                                                                                                                              |                           |                                                                                |          |                   |
| 5.                                                                                                                                                                                                                                                                  | Sistema(i) ta' valutazzjoni u verifika tal-kostanza tal-prestazzjoni:                                                                                                 | Sistema 3                                                                                                                      |                           |                                                                                |          |                   |
| 6.                                                                                                                                                                                                                                                                  | Speċifikazzjonijiet tekniċi armonizzati użati<br>Rapport tat-test nru.                                                                                                | EN 16510-2-2:2023-06<br>CUE.4032.041.1.2024.LG060                                                                              |                           |                                                                                |          |                   |
|                                                                                                                                                                                                                                                                     | Korp/i notifikati                                                                                                                                                     | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |                           |                                                                                |          |                   |
| 7.                                                                                                                                                                                                                                                                  | Sigurtà tan-nar<br>Saħħa mekkanika tal-kanali u l-kanali tal-gass taċ-ċumnija<br>Temperatura esterna tal-wiċċ<br>Sigurtà elettrika<br>Rilaxx ta' materjali perikolużi | Jikkonforma<br>Jikkonforma<br>Jikkonforma<br>NPD<br>NPD                                                                        |                           |                                                                                |          |                   |
|                                                                                                                                                                                                                                                                     |                                                                                                                                                                       |                                                                                                                                |                           |                                                                                |          |                   |
|                                                                                                                                                                                                                                                                     | Emissjonijiet ta' monossidu tal-karbonju                                                                                                                              | Fil-produzzjoni tas-shana nominali<br>CO <sub>nom</sub> (13% O <sub>2</sub> )                                                  | 1033<br>mg/m <sup>3</sup> | Hruġ tas-shana b'tagħbija parzjali<br>CO <sub>part</sub> (13% O <sub>2</sub> ) | NPD      | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                     | Emissjonijiet ta' ossidi tan-nitroġenu                                                                                                                                | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135<br>mg/m <sup>3</sup>  | NO <sub>x part</sub> (13% O <sub>2</sub> )                                     | NPD      | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                     | Emissjonijiet ta' idrokarburi                                                                                                                                         | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74<br>mg/m <sup>3</sup>   | OGC <sub>part</sub> (13% O <sub>2</sub> )                                      | NPD      | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                     | Emissjonijiet ta' materja partikulata                                                                                                                                 | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28<br>mg/m <sup>3</sup>   | PM <sub>part</sub> (13% O <sub>2</sub> )                                       | NPD      | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                     |                                                                                                                                                                       |                                                                                                                                |                           |                                                                                |          |                   |
|                                                                                                                                                                                                                                                                     | Temperatura tal-hruġ tal-gass tad-duhhan                                                                                                                              | Fil-produzzjoni tas-shana nominali<br>T <sub>snom</sub>                                                                        | 235<br>°C                 | Hruġ tas-shana b'tagħbija parzjali<br>T <sub>spart</sub>                       | NPD      | °C                |
|                                                                                                                                                                                                                                                                     | Trakk tal-kamin minimu                                                                                                                                                | P <sub>nom</sub>                                                                                                               | 12<br>Pa                  | P <sub>part</sub>                                                              | NPD      | Pa                |
|                                                                                                                                                                                                                                                                     | Rata tal-fluss tal-massa tal-gass tal-fjuwil niexef                                                                                                                   | Φ <sub>f,g nom</sub>                                                                                                           | 9<br>g/s                  | Φ <sub>f,g part</sub>                                                          | NPD      | g/s               |
|                                                                                                                                                                                                                                                                     |                                                                                                                                                                       |                                                                                                                                |                           |                                                                                |          |                   |
|                                                                                                                                                                                                                                                                     | Produzzjoni tas-shana                                                                                                                                                 | Fil-produzzjoni tas-shana nominali<br>P <sub>nom</sub>                                                                         | 10<br>kW                  | Hruġ tas-shana b'tagħbija parzjali<br>P <sub>part</sub>                        | NPD      | kW                |
|                                                                                                                                                                                                                                                                     | Produzzjoni tas-shana tal-ilma                                                                                                                                        | P <sub>wnom</sub>                                                                                                              | NPD<br>kW                 | P <sub>wpart</sub>                                                             | NPD      | kW                |
|                                                                                                                                                                                                                                                                     | Effiċjenza tat-tishin stagjonali                                                                                                                                      | η <sub>nom</sub>                                                                                                               | 83.6<br>%                 | η <sub>part</sub>                                                              | NPD      | %                 |
|                                                                                                                                                                                                                                                                     | Effiċjenza                                                                                                                                                            | η <sub>s</sub>                                                                                                                 | 74<br>%                   |                                                                                |          |                   |
|                                                                                                                                                                                                                                                                     | Effiċjenza fl-enerġija                                                                                                                                                | Indiċi tal-Effiċjenza Enerġetika<br>Klassi tal-effiċjenza enerġetika                                                           |                           |                                                                                | EEI<br>- | 111<br>A+         |
|                                                                                                                                                                                                                                                                     | Konsum tal-elettriku                                                                                                                                                  | e <sub>lmax</sub>                                                                                                              | NPD<br>kW                 | e <sub>lmin</sub>                                                              | NPD      | kW                |
|                                                                                                                                                                                                                                                                     | Konsum tal-elettriku fil-modalità standby                                                                                                                             | e <sub>lSB</sub>                                                                                                               | kW                        |                                                                                |          |                   |
|                                                                                                                                                                                                                                                                     |                                                                                                                                                                       |                                                                                                                                |                           |                                                                                |          |                   |
|                                                                                                                                                                                                                                                                     | Distanza minima minn wara għal materjal kombustibbli                                                                                                                  |                                                                                                                                |                           | d <sub>R</sub>                                                                 | 180      | mm                |
|                                                                                                                                                                                                                                                                     | Distanza minima mill-ġnub għall-materjal kombustibbli                                                                                                                 |                                                                                                                                |                           | d <sub>S</sub>                                                                 | 180      | mm                |
|                                                                                                                                                                                                                                                                     | Distanza minima minn fuq sal-materjal kombustibbli fis-saqaf                                                                                                          |                                                                                                                                |                           | d <sub>C</sub>                                                                 | 800      | mm                |
|                                                                                                                                                                                                                                                                     | Distanza minima minn quddiem għal materjal kombustibbli                                                                                                               |                                                                                                                                |                           | d <sub>P</sub>                                                                 | 1500     | mm                |
|                                                                                                                                                                                                                                                                     | Distanzi minimi minn quddiem għal materjal kombustibbli fiż-żona tar-radjazzjoni ta' quddiem t'isfel                                                                  |                                                                                                                                |                           | d <sub>F</sub>                                                                 | 1500     | mm                |
|                                                                                                                                                                                                                                                                     | Distanzi minimi minn quddiem għal materjal kombustibbli fiż-żona tar-radjazzjoni ta' quddiem tal-ġenb                                                                 |                                                                                                                                |                           | d <sub>L</sub>                                                                 | NPD      | mm                |
|                                                                                                                                                                                                                                                                     | Distanza minima taht il-qiegh (minghajr ma tirrigwarda s-saqajn) għal materjal kombustibbli                                                                           |                                                                                                                                |                           | d <sub>B</sub>                                                                 | 0        | mm                |
|                                                                                                                                                                                                                                                                     |                                                                                                                                                                       |                                                                                                                                |                           |                                                                                |          |                   |
|                                                                                                                                                                                                                                                                     | Sostenibbiltà ambjentali                                                                                                                                              | NPD                                                                                                                            |                           |                                                                                |          |                   |
| Il-prestazzjoni tal-prodott identifikat hawn fuq hija konformi mas-sett ta' prestazzjoni/jiet iddikjarati. Din id-dikjarazzjoni ta' prestazzjoni tinhareġ, skont ir-Regolament (UE) Nru 305/2011, taht ir-responsabbiltà unika tal-manifattur identifikat hawn fuq. |                                                                                                                                                                       |                                                                                                                                |                           |                                                                                |          |                   |

Iffirmat għal u f'isem il-manifattur minn:  
Kap tad-dipartiment tar-riċerka u l-iżvilupp Sylwester Kałwiński

Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  


FLOKI/M/L/V1/2025/DOP

|    |                                                                      |                                                                                                                                |
|----|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1. | Cód aitheantais uathúil den chineál táirge:                          | FLOKI/M/L                                                                                                                      |
|    | Cineál táirge                                                        | Cineál BE                                                                                                                      |
| 2. | Úsáid(i) atá beartaithe:                                             | Téamh seomraí i bhfoirgnimh                                                                                                    |
| 3. | Monaróir:                                                            | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |
| 4. | Ionadaí údaráithe                                                    | -                                                                                                                              |
| 5. | Córas/córais measúnaithe agus fíoraithe ar sheasmhacht feidhmíochta: | Córas 3                                                                                                                        |
| 6. | Sonraíochtaí teicniúla comhchuibhithe a úsáideadh                    | EN 16510-2-2:2023-06                                                                                                           |
|    | Tuarascáil tástála uimh.                                             | CUE.4032.041.1.2024.LG060                                                                                                      |
|    | Comhlachtaí dá dtugtar fógra                                         | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |

|    |                                                    |             |
|----|----------------------------------------------------|-------------|
| 7. | Sábháilteacht dóiteáin                             | Comhlíonann |
|    | Nearrt meicniúil ductanna agus simléir gáis sceite | Comhlíonann |
|    | Teocht dromchla seachtrach                         | Comhlíonann |
|    | Sábháilteacht leictreach                           | NPD         |
|    | Scaoileadh ábhar guaiseach                         | NPD         |

|                                   |                                           |      |                   |                                            |     |                   |
|-----------------------------------|-------------------------------------------|------|-------------------|--------------------------------------------|-----|-------------------|
|                                   | Ag aschur teasa ainmniúil                 |      |                   | Aschur teasa ag ualaigh pháirtigh          |     |                   |
| Astaíochtaí monocsíd charbóin     | CO <sub>nom</sub> (13% O <sub>2</sub> )   | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |
| Astaíochtaí ocsaídí nítrigine     | NO <sub>x nom</sub> (13% O <sub>2</sub> ) | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD | mg/m <sup>3</sup> |
| Astaíochtaí hidreacarbón          | OGC <sub>nom</sub> (13% O <sub>2</sub> )  | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD | mg/m <sup>3</sup> |
| Astaíochtaí ábhair cháithnínéacha | PM <sub>nom</sub> (13% O <sub>2</sub> )   | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD | mg/m <sup>3</sup> |

|                                        |                           |     |     |                                   |     |     |
|----------------------------------------|---------------------------|-----|-----|-----------------------------------|-----|-----|
|                                        | Ag aschur teasa ainmniúil |     |     | Aschur teasa ag ualaigh pháirtigh |     |     |
| Teocht aschuir gháis deataigh          | T <sub>snom</sub>         | 235 | °C  | T <sub>spart</sub>                | NPD | °C  |
| Tarraingt íosta simléir                | P <sub>nom</sub>          | 12  | Pa  | P <sub>part</sub>                 | NPD | Pa  |
| Ráta sreafa maise gáis bhreosla thirim | Φ <sub>f,g nom</sub>      | 9   | g/s | Φ <sub>f,g part</sub>             | NPD | g/s |

|                                           |                                  |      |    |                                   |     |    |
|-------------------------------------------|----------------------------------|------|----|-----------------------------------|-----|----|
|                                           | Ag aschur teasa ainmniúil        |      |    | Aschur teasa ag ualaigh pháirtigh |     |    |
| Aschur teasa                              | P <sub>nom</sub>                 | 10   | kW | P <sub>part</sub>                 | NPD | kW |
| Aschur teasa uisce                        | P <sub>wnom</sub>                | NPD  | kW | P <sub>wpart</sub>                | NPD | kW |
| Éifeachtúlacht téimh shéasúrach           | η <sub>nom</sub>                 | 83.6 | %  | η <sub>part</sub>                 | NPD | %  |
| Éifeachtúlacht                            | η <sub>s</sub>                   | 74   | %  |                                   |     |    |
| Éifeachtúlacht fuinnimh                   | Innéacs Éifeachtúlachta Fuinnimh |      |    | EEI                               | 111 |    |
|                                           | Aicme éifeachtúlachta fuinnimh   |      |    | -                                 | A+  |    |
| Tomhaltas leictreachais                   | e <sub>l,max</sub>               | NPD  | kW | e <sub>l,min</sub>                | NPD | kW |
| Tomhaltas leictreachais i mód fuireachais | e <sub>l,SB</sub>                |      | kW |                                   |     |    |

|                                                                                    |                |      |    |
|------------------------------------------------------------------------------------|----------------|------|----|
| Fad íosta ón gcúl go dtí ábhar inadhainte                                          | d <sub>R</sub> | 180  | mm |
| An fad íosta ó na taobhanna go dtí ábhar inadhainte                                | d <sub>S</sub> | 180  | mm |
| An fad íosta ón mbarr go dtí ábhar inadhainte sa tsíleáil                          | d <sub>C</sub> | 800  | mm |
| An fad íosta ón tosaigh go dtí ábhar inadhainte                                    | d <sub>P</sub> | 1500 | mm |
| Fad íosta ón tosaigh go dtí ábhar inadhainte sa limistéar radaíochta bun tosaigh   | d <sub>F</sub> | 1500 | mm |
| Fad íosta ón tosaigh go dtí ábhar inadhainte sa limistéar radaíochta taobh tosaigh | d <sub>L</sub> | NPD  | mm |
| An fad íosta faoin mbun (gan na cosa a áireamh) go dtí ábhar inadhainte            | d <sub>B</sub> | 0    | mm |

|                              |     |
|------------------------------|-----|
| Inbhuanaitheacht chomhshaoil | NPD |
|------------------------------|-----|

Tá feidhmíocht an táirge a shainaithnítear thuas i gcomhréir leis an tacar feidhmíochta/na feidhmíochtaí dearbhaithe. Eisítear an dearbhú feidhmíochta seo, i gcomhréir le Rialachán (AE) Uimh. 305/2011, faoi fhreagracht aonair an mhonaróra a shainaithnítear thuas.

Arna shíniú le haghaidh agus thar ceann an mhonaróra ag:  
Ceann na roinne taighde agus forbartha Sylwester Kałwiński

Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  
*Kałwiński*

FLOKI/M/L/V1/2025/DOP

|                                                                                                                                                                                                                                                                                |                                                                                           |                                                                                                                                |      |                   |                                            |      |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|-------------------|--------------------------------------------|------|-------------------|
| 1.                                                                                                                                                                                                                                                                             | Código de identificação único do tipo de produto:                                         | FLOKI/M/L                                                                                                                      |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Tipo de produto                                                                           | Tipo BE                                                                                                                        |      |                   |                                            |      |                   |
| 2.                                                                                                                                                                                                                                                                             | Utilização(ões) pretendida(s):                                                            | Aquecimento de salas em edifícios                                                                                              |      |                   |                                            |      |                   |
| 3.                                                                                                                                                                                                                                                                             | Fabricante:                                                                               | Kratki.pl Marek Bał, Wsola ul. W. Gombrowicza 4, 26-660 Jedlińsk, Polska, 0048483899914, info@kratki.com, www.kratki.com       |      |                   |                                            |      |                   |
| 4.                                                                                                                                                                                                                                                                             | Representante autorizado                                                                  | -                                                                                                                              |      |                   |                                            |      |                   |
| 5.                                                                                                                                                                                                                                                                             | Sistema(s) de avaliação e verificação da constância do desempenho:                        | Sistema 3                                                                                                                      |      |                   |                                            |      |                   |
| 6.                                                                                                                                                                                                                                                                             | Especificações técnicas harmonizadas utilizadas                                           | EN 16510-2-2:2023-06                                                                                                           |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Número do relatório de ensaio                                                             | CUE.4032.041.1.2024.LG060                                                                                                      |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Organismo(s) notificado(s)                                                                | 1452 - INSTYTUT ENERGETYKI, ul. Mory 8, 01-330 Warszawa, Polska, 0048223451200, instytut.energetyki@ien.com.pl, www.ien.com.pl |      |                   |                                            |      |                   |
| 7.                                                                                                                                                                                                                                                                             | Segurança contra incêndio                                                                 | Cumpre                                                                                                                         |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Resistência mecânica das condutas e chaminés de gases de combustão                        | Cumpre                                                                                                                         |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Temperatura da superfície exterior                                                        | Cumpre                                                                                                                         |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Segurança elétrica                                                                        | NPD                                                                                                                            |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Libertação de materiais perigosos                                                         | NPD                                                                                                                            |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                |                                                                                           |                                                                                                                                |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                |                                                                                           | Com potência térmica nominal                                                                                                   |      |                   | Com potência térmica de carga parcial      |      |                   |
|                                                                                                                                                                                                                                                                                | Emissões de monóxido de carbono                                                           | CO <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 1033 | mg/m <sup>3</sup> | CO <sub>part</sub> (13% O <sub>2</sub> )   | NPD  | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                                | Emissões de óxidos de azoto                                                               | NO <sub>x nom</sub> (13% O <sub>2</sub> )                                                                                      | 135  | mg/m <sup>3</sup> | NO <sub>x part</sub> (13% O <sub>2</sub> ) | NPD  | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                                | Emissões de hidrocarbonetos                                                               | OGC <sub>nom</sub> (13% O <sub>2</sub> )                                                                                       | 74   | mg/m <sup>3</sup> | OGC <sub>part</sub> (13% O <sub>2</sub> )  | NPD  | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                                | Emissões de material particulado                                                          | PM <sub>nom</sub> (13% O <sub>2</sub> )                                                                                        | 28   | mg/m <sup>3</sup> | PM <sub>part</sub> (13% O <sub>2</sub> )   | NPD  | mg/m <sup>3</sup> |
|                                                                                                                                                                                                                                                                                |                                                                                           |                                                                                                                                |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                |                                                                                           | Com potência térmica nominal                                                                                                   |      |                   | Com potência térmica de carga parcial      |      |                   |
|                                                                                                                                                                                                                                                                                | Temperatura de saída dos gases de combustão                                               | T <sub>snom</sub>                                                                                                              | 235  | °C                | T <sub>spart</sub>                         | NPD  | °C                |
|                                                                                                                                                                                                                                                                                | Depressão mínima da chaminé                                                               | P <sub>nom</sub>                                                                                                               | 12   | Pa                | P <sub>part</sub>                          | NPD  | Pa                |
|                                                                                                                                                                                                                                                                                | Caudal mássico de gases de combustão secos                                                | Φ <sub>f,g nom</sub>                                                                                                           | 9    | g/s               | Φ <sub>f,g part</sub>                      | NPD  | g/s               |
|                                                                                                                                                                                                                                                                                |                                                                                           |                                                                                                                                |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                |                                                                                           | Com potência térmica nominal                                                                                                   |      |                   | Com potência térmica de carga parcial      |      |                   |
|                                                                                                                                                                                                                                                                                | Potência térmica                                                                          | P <sub>nom</sub>                                                                                                               | 10   | kW                | P <sub>part</sub>                          | NPD  | kW                |
|                                                                                                                                                                                                                                                                                | Potência térmica da água                                                                  | P <sub>wnom</sub>                                                                                                              | NPD  | kW                | P <sub>wpart</sub>                         | NPD  | kW                |
|                                                                                                                                                                                                                                                                                | Eficiência de aquecimento sazonal                                                         | η <sub>nom</sub>                                                                                                               | 83.6 | %                 | η <sub>part</sub>                          | NPD  | %                 |
|                                                                                                                                                                                                                                                                                | Eficiência                                                                                | η <sub>s</sub>                                                                                                                 | 74   | %                 |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Eficiência energética                                                                     | Índice de Eficiência Energética                                                                                                |      |                   |                                            | EEI  | 111               |
|                                                                                                                                                                                                                                                                                |                                                                                           | Classe de eficiência energética                                                                                                |      |                   |                                            | -    | A+                |
|                                                                                                                                                                                                                                                                                | Electricity consumption                                                                   | el <sub>max</sub>                                                                                                              | NPD  | kW                | el <sub>min</sub>                          | NPD  | kW                |
|                                                                                                                                                                                                                                                                                | Electricity consumption in standby mode                                                   | el <sub>SB</sub>                                                                                                               |      | kW                |                                            |      |                   |
|                                                                                                                                                                                                                                                                                |                                                                                           |                                                                                                                                |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Distância mínima da parte traseira ao material combustível                                |                                                                                                                                |      |                   | d <sub>R</sub>                             | 180  | mm                |
|                                                                                                                                                                                                                                                                                | Distância mínima das laterais ao material combustível                                     |                                                                                                                                |      |                   | d <sub>S</sub>                             | 180  | mm                |
|                                                                                                                                                                                                                                                                                | Distância mínima do topo ao material combustível no teto                                  |                                                                                                                                |      |                   | d <sub>C</sub>                             | 800  | mm                |
|                                                                                                                                                                                                                                                                                | Distância mínima da frente ao material combustível                                        |                                                                                                                                |      |                   | d <sub>P</sub>                             | 1500 | mm                |
|                                                                                                                                                                                                                                                                                | Distâncias mínimas da frente ao material combustível na zona de radiação frontal inferior |                                                                                                                                |      |                   | d <sub>F</sub>                             | 1500 | mm                |
|                                                                                                                                                                                                                                                                                | Distâncias mínimas da frente ao material combustível na zona de radiação frontal lateral  |                                                                                                                                |      |                   | d <sub>L</sub>                             | NPD  | mm                |
|                                                                                                                                                                                                                                                                                | Distância mínima abaixo da base (sem considerar os pés) ao material combustível           |                                                                                                                                |      |                   | d <sub>B</sub>                             | 0    | mm                |
|                                                                                                                                                                                                                                                                                |                                                                                           |                                                                                                                                |      |                   |                                            |      |                   |
|                                                                                                                                                                                                                                                                                | Sustentabilidade ambiental                                                                | NPD                                                                                                                            |      |                   |                                            |      |                   |
| O desempenho do produto acima identificado está em conformidade com o conjunto de desempenho(s) declarado(s). A presente declaração de desempenho é emitida, de acordo com o Regulamento (UE) n.º 305/2011, sob a exclusiva responsabilidade do fabricante acima identificado. |                                                                                           |                                                                                                                                |      |                   |                                            |      |                   |

Assinado por e em nome do fabricante por:  
Chefe do departamento de investigação e desenvolvimento Sylwester Katwiński

Wsola 2025-11-22

Kierownik  
Zespołu Badawczo-Rozwojowego  
