

“Termomont” d.o.o. preduzeće za proizvodnju, inženjering i robni promet uvoz-izvoz

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EC DECLARATION OF CONFORMITY
EU IZJAVA O USAGLAŠENOSTI
ES IZJAVA O SKLADNOSTI

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The manufacturer „Termomont“ Ltd, Prhovačka bb, 22310 Šimanovci – Serbia, declares that the following articles:

HELENA 8 meets the requirements COMMISSION REGULATION (EU) 2015/1185 which refers to “Ecodesign” requirements for local solid fuel room heaters:

IX. RESULTS FROM AND OBSERVATIONS :

9.1. Emissions:

9.1. Dust content of exhaust gases: $PM = 18 \text{ mg/Nm}^3 \leq [PM] = 20 \text{ mg/Nm}^3$;
[PM] = 20 mg/Nm³ in accordance with point 2 (a) (iii), of Annex II of the
REGULATION (EU) 2015/1185.
- [PM] $\leq 30 \text{ mg/Nm}^3$ in accordance to BlmSchV-norm (without water jacket).

9.2. CO of exhaust gases: $CO^* = 185 \text{ mg/Nm}^3 \leq [CO] = 300 \text{ mg/Nm}^3$;
- [CO] = 300 mg/Nm³ in accordance with point 2 (c) (iii), of Annex II of
the REGULATION (EU) 2015/1185.
- [CO] $\leq 250 \text{ mg/Nm}^3$ in accordance to BlmSchV-norm.

9.3. OGC of exhaust gases: $OGC = 40 \text{ mg/Nm}^3 \leq [OGC] = 60 \text{ mg/Nm}^3$;
[OGC] = 60 mg/Nm³ in accordance with point 2 (b) (ii), of Annex II of the
REGULATION (EU) 2015/1185.

9.4. NOx of exhaust gases: $NOx = 188 \text{ mg/Nm}^3 \leq [NOx] = 200 \text{ mg/Nm}^3$.
[NOx] = 200 mg/Nm³ in accordance with point 2 (d) (i), of Annex II of the
REGULATION (EU) 2015/1185.

* Results from the Test Report № 129/26.08.2020 of Laboratory Termoplam Sofia.

9.5. Seasonal space heating energy efficiency:

$$\eta_S = 80,8 \% > [\eta_S] = 79 \%$$

Where:

- $\eta_S = 80,8 \%$ - the seasonal space heating energy efficiency in active mode is calculated as $\eta_{th,nom}$.
- $\eta_{th,nom} = 90,8 \%$ is the useful efficiency at nominal heat output, based on NCV. Result from the Test Report № 129/26.08.2020 of Laboratory Termoplam, Sofia.
- $[\eta_S] \geq 79 \%$ in accordance with point 1 (a) (iii), of Annex II of the REGULATION (EU) 2015/1185.
- $[\eta_{th,nom}] \geq 85 \%$ in accordance to BlmSchV-norm (without water jacket).

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Jelena Stojadinović/



Šimanovci, 07.09.2023.

Manufacturer manager / Direktor
proizvođača

Location and date / Mesto i
datum: