

## DECLARATION OF PERFORMANCE No DHORION-10-2020

Unique identification code of the product-type	DEFRO HOME ORION ref. KOM-ORION
Intended use	Room heater fired with solid fuel in the buildings
Manufacturer	DEFRO Spółka z ograniczoną odpowiedzialnością Spółka komandytowa 00-403 Warszawa, ul. Solec 24/253 Manufacturing plant: 26-067 Strawczyn, Ruda Strawczyńska 103A
System/s of AVCP	System 3
Harmonised standard	PN-EN 13240:2008, Commission Regulation (EU) 2015/1185
European Assessment Document	Institute of Power Engineering - Research Institute, Notified Body no. 1452 has made an assessment of performance based on the tests in system 3 and had issued test report no. 156/19-LG

### DECLARED PERFORMANCES

Essential characteristics	Performance	Technical specification
CO emission in combustion products	0,0600 % (13% O <sub>2</sub> ) 725 mg/m <sup>3</sup> (13% O <sub>2</sub> )	PN-EN 13240:2008
OGC emission in combustion products	74 mg/m <sup>3</sup>	Commission Regulation (EU) 2015/1185
NOx emission in combustion products	112 mg/m <sup>3</sup>	Commission Regulation (EU) 2015/1185
PM emission in combustion products	39 mg/m <sup>3</sup>	Commission Regulation (EU) 2015/1185
Temperature of external surfaces	5.5, 5.6	PN-EN 13240:2008
Electric safety	5.9	PN-EN 13240:2008
Max. permissible work pressure	not applicable	PN-EN 13240:2008
Mechanical strength	No leaks and permanent deformations	PN-EN 13240:2008
Flue gases temperature	244 °C	PN-EN 13240:2008
Thermal power/Energy efficiency	6,7 kW / 81,2 %	PN-EN 13240:2008
Primary fuel	hard wood fuel	Operating manual

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:

**Robert Dziubeta – prezes zarządu**

(name and position)

**Warszawa, dn. 15.10.2020 r.**

(place and date of issue)

(signature)

