

## DECLARATION OF PERFORMANCE No DHIMPULS-SM-10-2020

Unique identification code of the product-type	DEFRO HOME IMPULS SM ref. KOM-IMP-SM
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 13229:2002, PN-EN 13229:2002/A1:2005, PN-EN 13229:2002/A2:2006, 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. 78/19-LG

### DECLARED PERFORMANCES

Essential characteristics	Performance	Technical specification
CO emission in combustion products	0,077 % (13% O <sub>2</sub> ) 967 mg/m <sup>3</sup> (13% O <sub>2</sub> )	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
OGC emission in combustion products	74 mg/m <sup>3</sup>	Commission Regulation (EU) 2015/1185
NO <sub>x</sub> emission in combustion products	123 mg/m <sup>3</sup>	Commission Regulation (EU) 2015/1185
PM emission in combustion products	26 mg/m <sup>3</sup>	Commission Regulation (EU) 2015/1185
Temperature of external surfaces	4.2, 4.13, 5.2, 5.3, 5.6, 5.10	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Electric safety	5.9	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Max. permissible work pressure	not applicable	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Mechanical strength	No leaks and permanent deformations	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Flue gases temperature	282 °C	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
Thermal power/Energy efficiency	8,2 kW / 80,2 %	PN-EN 13229:2002 PN-EN 13229:2002/A1:2005 PN-EN 13229:2002/A2:2006
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.

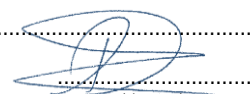
Signed for and on behalf of the manufacturer by:

**Robert Dziubela – CEO**

(name and position)

**Warszawa, dn. 15.10.2020 r.**

(place and date of issue)

  
(signature)