

# EU TYPE-EXAMINATION CERTIFICATE (MODULE B) REGULATION (EU) 2016/426

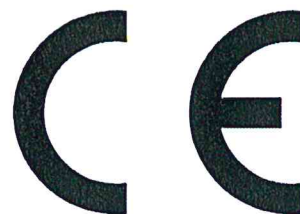
This is to certify that the appliances listed have been examined and found to comply with the essential requirements listed in the **Regulation (EU) 2016/426** of the European Parliament and of the council of 9 March 2016 on appliances burning gaseous fuels (Annex I).

To demonstrate full compliance with the Regulation (EU) 2016/426, a "Conformity to Type" Module C2 or D or E or F is required.

**Applicant:** Immergas S.p.A.  
Via Cisa Ligure, 95, 42041 Brescello (RE)  
**Trade Mark:** IMMERGAS  
**Product Type:** Floor-Standing condensing boiler  
**Models:** HERCULES CONDENSING 26 3 ErP;  
HERCULES CONDENSING 32 3 ErP;  
HERCULES CONDENSING ABT 32 3 ErP  
**Certificate N°:** ITS-2575-GAR-212965411-R1  
**PIN:** 2575DM296544

This certificate only relates to those products detailed in the following Test Reports:

**Report Number:** 200029654UDI-GCEd-RCE



**Certificate Issue date:**  
20 September 2021

**Certificate Expiry date:**  
05 September 2031

**Gino Baiocco**

Certification Officer  
Intertek Italia SpA (NB 2575)



PDR N° 277B

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## PRODUCT DESCRIPTION

<b>PRODUCT TYPE:</b>	Floor-Standing condensing boiler
<b>MODELS:</b>	HERCULES CONDENSING 26 3 ErP; HERCULES CONDENSING 32 3 ErP; HERCULES CONDENSING ABT 32 3 ErP
<b>STANDARD(S):</b>	EN 15502-1:2012+A1:2015 and EN 15502-2-1:2012+A1:2016
<b>SPECIAL REMARKS:</b>	Hot Water Production - Storage
<b>APPLIANCES TYPE:</b>	C <sub>13</sub> , C <sub>13x</sub> , C <sub>33</sub> , C <sub>33x</sub> , C <sub>43</sub> , C <sub>43x</sub> , C <sub>53</sub> , C <sub>63</sub> , C <sub>83</sub> , C <sub>93</sub> , C <sub>93x</sub> , B <sub>23P</sub> , B <sub>33</sub> , B <sub>53P</sub>

The gas categories for which the appliances have been tested can be obtained by combining the following countries and gas groups:

**COUNTRIES:** AT, BE, BG, CH, CY, CZ, DK, EE, ES, FI, GB, GR, HU, IE, IT, LT, LV, MT, NO, PL, PT, RO, SE, SI, SK, TR

### GAS GROUP, REFERENCE GAS AND SUPPLY PRESSURES:

GROUP	REFERENCE GAS	GROUP	REFERENCE GAS	GROUP	REFERENCE GAS
H	G20 – 20 mbar	E(S)	G20/G25-20/25 mbar	B/P	G30/G31 – 30 mbar
E	G20 – 20 mbar	Lw	G27 – 20 mbar	B/P	G30/G31 – 50 mbar
H	G20 – 25 mbar			P	G31 – 37 mbar
				P	G31 – 36 mbar

## REVISION AND COMMENTS

DD/MM/YYYY	AMENDED BY	PRJ NO.	REPORT NO.	REASON FOR REVISION
06/09/2021	G. Baiocco	29654	200029654UDI-GCEd-RCE	R0: First issue
20/09/2021	G. Baiocco	-	-	R1: corrected typos on type of installation, gas groups and countries



# EC TYPE-EXAMINATION CERTIFICATE (MODULE B) DIRECTIVE 92/42/EEC

- This is to certify that, with reference to the Council Directive 92/42/EEC of 21 May 1992 on efficiency requirements for new hot-water boilers fired with liquid or gaseous fuels and according to article 4 of commission regulation (EU) No. 813/2013, the appliances listed have achieved the full and part load efficiencies written on Annex 1.

To demonstrate full compliance with the Directive 92/42/EEC, a "Conformity to type" Module C or D or E is required.

**Applicant:** Immergas S.p.A.  
Via Cisa Ligure, 95, 42041 Brescello (RE)

**Trade Mark:** IMMERGAS

**Product Type:** Floor-Standing condensing boiler

**Models:** HERCULES CONDENSING 26 3 ErP;  
HERCULES CONDENSING 32 3 ErP;  
HERCULES CONDENSING ABT 32 3 ErP

**Certificate N°:** ITS-2575-BED-212965411

**PIN:** 2575DM296544

**Standard(s):** EN 15502-1:2012+A1:2015 and EN 15502-2-1:2012+A1:2016

This certificate only relates to those products detailed in the following Test Reports:

**Report Number:** 200029654UDI-GCEd-RCE



**Certificate Issue date:**  
06 September 2021

  
**Gino Baiocco**

Certification Officer  
Intertek Italia SpA (NB 2575)



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## ANNEX 1

Models:				
	HERCULES CONDENSING 26 3 ErP	HERCULES CONDENSING 32 3 ErP	HERCULES CONDENSING ABT 32 3 ErP	
$\eta_{100}$	96 %	96,9 %	96,9 %	
$\eta_{30}$	106,3 %	107,3 %	107,3 %	
$\eta_4$	86,1 %	87,2 %	87,2 %	
$\eta_1$	95,8 %	96,7 %	96,7 %	
$P_4$	23,9 kW	32 kW	32 kW	
$P_1$	7,9 kW	10,6 kW	10,6 kW	
C.Heater?	Yes	Yes	Yes	
B <sub>1</sub> Boiler?	No	No	No	
Type of boiler:	Condensing	Condensing	Condensing	

Note:  $\eta_{100}$  = At rated heat output and high-temperature regime - NCV (\*) - EN15502-1 clause 9.5.2.1: "the useful efficiency at nominal heat input  $Q_n$  or for range rated boilers at the arithmetic mean of the maximum and minimum heat input  $Q_a$ "  
 $\eta_{30}$  = At 30 % of rated heat output and low-temperature regime - NCV (\*\*) - EN15502-1 clause 9.5.2.1: "the useful efficiency at 30 % of the nominal heat input  $Q_n$  or for range rated boilers at 30 % of the arithmetic mean of the maximum and minimum heat input  $Q_a$ "  
 $\eta_4$  = At rated heat output and high-temperature regime (\*)  
 $\eta_1$  = At 30 % of rated heat output and low-temperature regime (\*\*)   
 $P_4$  = At rated heat output and high-temperature regime (\*)  
 $P_1$  = At 30 % of rated heat output and low-temperature regime (\*\*)   
C.Heater = Combination Heater (Yes = with domestic hot water production / No = Heating system only)  
B<sub>1</sub> Boiler = B<sub>1</sub> according CEN/TR 1749:2014  
Type of boiler: "Condensing Boiler" or "Low Temperature Boiler" or "Other Boiler"

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.  
(\*\*) Low temp. means for condensing boilers 30 °C, for low-temp. boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(n.t. = not tested; n.a. = not applicable)

## REVISION AND COMMENTS

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06/09/2021	G. Baiocco	29654	200029654UDI-GCEd-RCE	R0: First issue