

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.

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

Trademark: IMMERGAS

Product Type: Gas-fired floor-standing condensing boiler

Models: HERCULES 25, HERCULES SOLAR 25, HERCULES MINI 35,
HERCULES 35, HERCULES 35 ABT

Certificate N°: ITS-2575-GAR-2438199

PIN: 2575DP38199

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

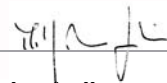
Report Number: 200038199UDI-GCE

Certificate Issue date:

02 October 2024

Certificate Expiry date:

01 October 2034



Michael Albert Gandin

Certification Manager
Intertek Italia SpA (NB 2575)



PRD N° 277B

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PRODUCT DESCRIPTION

PRODUCT TYPE:	Gas-fired floor-standing condensing boiler
MODELS:	HERCULES 25, HERCULES SOLAR 25, HERCULES MINI 35, HERCULES 35, HERCULES 35 ABT
STANDARD(S):	EN 15502-1:2021+A1:2023, EN 15502-2-1:2022+A1:2023, UNI/TS 11854
SPECIAL REMARKS:	-
APPLIANCES TYPE:	B ₂₃ , B _{23P} , B ₃₃ , B ₅₃ , B _{53P} , C ₁₃ , C ₃₃ , C ₄₃ , C ₅₃ , C ₆₃ , C ₈₃ , C ₉₃ , C ₍₁₀₎₃ *, C ₍₁₂₎₃ *, C ₍₁₅₎₃ *, C _{13X} , C _{33X} , C _{43X} , C _{53X} , C _{63X} , C _{83X} , C _{93X} , C _{(10)3X} *, C _{(12)3X} *, C _{(15)3X} *
GAS CATEGORIES:	* = these appliance typologies are NOT available for gas category 3P (G31) I _{2H} , I _{2HY20} , I _{2HM} , I _{2HY20M} , I _{2E} , I _{2EY20} , I _{2E(S)} , I _{2E(R)} , I _{2ELwLs} , I _{3P} , II _{2H3P} , II _{2HY203P} , II _{2HM3P} , II _{2HY20M3P} , II _{2E3P} , II _{2EY203P} , II _{2E(S)3P} , II _{2E(R)3P} , II _{2ELwLs3P}

DETAILS FOR GAS GROUPS, REFERENCE GASES AND SUPPLY PRESSURES:

GROUP	REFERENCE GAS	GROUP	REFERENCE GAS	GROUP	REFERENCE GAS
2H	G20 – 20 mbar	2E(S)	G20 – 20 mbar	3P	G31 – 30 mbar
2H	G20 – 25 mbar	2E(R)	G20 – 20 mbar	3P	G31 – 37 mbar
2E	G20 – 20 mbar	2Ls	G2.350 – 13 mbar	3P	G31 – 50 mbar
2HY20	G20Y20 – 20 mbar #	2Lw	G27 – 20 mbar		
2EY20	G20Y20 – 20 mbar #	2M	G230 – 20 mbar		

Suffix Y20 indicates gas group(s) not yet introduced in EN 437 and based on a gas blend of Methan/Hydrogen with max amount of H₂ = 20%

REVISION AND COMMENTS

DD/MM/YYYY	AMENDED BY	PROJECT NO.	REPORT NO.	REASON FOR REVISION
02/10/2024	M.A. Gandin	38199	200038199UDI-GCE	R0: First issue

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.

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

Trademark: IMMERGAS

Product Type: Gas-fired floor-standing condensing boiler

Models: HERCULES 25, HERCULES SOLAR 25, HERCULES MINI 35,
HERCULES 35, HERCULES 35 ABT

Certificate N°: ITS-2575-BED-2438199

PIN: 2575DP38199

Standard(s): EN 15502-1:2021+A1:2023, EN 15502-2-1:2022+A1:2023

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

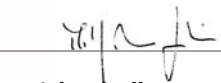
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01 October 2034



Michael Albert Gandin

Certification Manager
Intertek Italia SpA (NB 2575)



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ANNEX 1

Models:			
	HERCULES 25, HERCULES SOLAR 25	HERCULES MINI 35, HERCULES 35, HERCULES 35 ABT	
η_{100}	97,4 %	97,3 %	
η_{30}	109,9 %	109,7 %	
η_4	87,7 %	87,6 %	
η_1	99 %	98,8 %	
P_4	20,2 kW	28,2 kW	
P_1	6,9 kW	9,5 kW	
C.Heater	Yes	Yes	
B ₁ Boiler	No	No	
Type of boiler:	Condensing	Condensing	
Range rated	Yes	Yes	

Note: η_{100} = At rated heat output and high-temperature regime - NCV (*) - EN 15502-1:2021+A1:2023, clause 9.4.3: "the useful efficiency in % at nominal heat input Q_n or for range rated boilers at the arithmetic mean of the maximum and minimum heat input"

η_{30} = At 30 % of rated heat output and low-temperature regime - NCV (**) - EN 15052-1:2021+A1:2023, clause 9.4.4: "the useful efficiency in % 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"

η_4 = At rated heat output and high-temperature regime - GCV (*) - EN 15502-1:2021+A1:2023, clause 9.4.3: "the useful efficiency (GCV) at rated heat output"

η_1 = At 30 % of rated heat output and low-temperature regime - GCV (**) - EN 15052-1:2021+A1:2023, clause 9.4.4: "the useful efficiency at 30 % heat output"

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)

B₁ Boiler = Type B₁ according to CEN/TR 1749:2020

Type of boiler: "Condensig 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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