

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: Riello S.p.A.
Via Ing. Pilade Riello, 7- 37045 (VR) – Italy

Trademark: RIELLO

Product Type: Central heating combi condensing boiler

Models: RESIDENCE IN 25 KIS, RESIDENCE IN 30 KIS, RESIDENCE IN 30 IS

Certificate N°: ITS-2575-GAR-213165002-R3

PIN: 2575DM28897

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

Report Number: 200028897UDI-GCE-RCE-R9

Certificate Issue date:

29 Feb 2024

Certificate Expiry date:

28 October 2031

Michael Albert Gandin

Certification Manager
Intertek Italia SpA (NB 2575)



PRD N° 277B

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC
Mutual Recognition Agreements



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

PRODUCT DESCRIPTION

PRODUCT TYPE:	Central heating combi condensing boiler
MODELS:	RESIDENCE IN 25 KIS, RESIDENCE IN 30 KIS, RESIDENCE IN 30 IS ⁽¹⁾
STANDARD(S):	EN 15502-1:2021+AC:2022, EN 15502-1:2022, UNI-TS 11854
SPECIAL REMARKS:	Minimum ambient temperature > 0°C (-15°C with frost protection kit) ⁽¹⁾ = Models designed for heating only but with the possibility of combining a remote storage tank.
APPLIANCES TYPE:	B _{23P} , B _{53P} , C ₍₁₀₎ , C ₁₃ , C ₃₃ , C ₄₃ , C ₅₃ , C ₆₃ , C ₈₃ , C ₉₃ , C _{13x} , C _{33x} , C _{43x} , C _{53x} , C _{63x} , C _{83x} , C _{93x}

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

COUNTRIES: AL*, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB*, GR, HR, HU, IE, IS, IT, LT, LU, LV, MK, MT, NO, NL, PL, PT, RO, SE, SI, SK, TR*

* = upon Manufacturer request

GAS GROUP, REFERENCE GAS AND SUPPLY PRESSURES:

GROUP	REFERENCE GAS	GROUP	REFERENCE GAS	GROUP	REFERENCE GAS
2H	G20 – 20 mbar	2ELL	G20/G25 – 20 mbar	3P	G31 – 30 mbar
2H	G20 – 25 mbar	2Lw	G27 – 20 mbar	3P	G31 – 37 mbar
2E	G20 – 20 mbar	2Ls	G2.350 – 13 mbar	3P	G31 – 50 mbar
2Esi	G20/G25 – 20/25 mbar	2M	G230 – 20 mbar		
2Er	G20/G25 – 20/25 mbar	2HY20	G20.2 – 20 mbar (*)		
2E(R)	G20/G25 – 20/25 mbar	2EY20	G20.2 – 20 mbar (*)		
2E(S)	G20/G25 – 20/25 mbar				

(*) Y20 – Gas group not yet introduced in EN 437 based on a gas composition of Methan/Hydrogen (CH₄ = 80% / H₂ = 20%)

REVISION AND COMMENTS

DD/MM/YYYY	AMENDED BY	PRJ NO.	REPORT NO.	REASON FOR REVISION
29/10/2021	M.A. Gandin	31650	200028897UDI-GCE-RCE-R3	R0: First issue
22/04/2022	M.A. Gandin	33556	200028897UDI-GCE-RCE-R5	R1: introduction of new model: RESIDENCE IN 30 IS
23/01/2023	M.A. Gandin	35443	200028897UDI-GCE-RCE-R8	R2: Verification according to EN 15502-1:2021, introduction of new gas categories
29/02/2024	M.A. Gandin	40036	200028897UDI-GCE-RCE-R9	R6: Standard updating.

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: Riello S.p.A.
Address: Via Ing. Pilade Riello, 7- 37045 (VR) - Italy

Trademark: RIELLO

Product Type: Central heating combi condensing boiler

Models: RESIDENCE IN 25 KIS, RESIDENCE IN 30 KIS, RESIDENCE IN 30 IS

Certificate N°: ITS-2575-BED-213165002-R2

PIN: 2575DM28897

Standard(s): EN 15502-1:2021+AC:2022, EN 15502-1:2022

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

Report Number: 200028897UDI-GCE-RCE-R9

Certificate Issue date:

29 October 2021

Certificate Revised date:

11 March 2024

Michael Albert Gandin

Certification Manager
Intertek Italia SpA (NB 2575)



PRD N° 277B

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC
Mutual Recognition Agreements



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

ANNEX 1

Models:			
	RESIDENCE IN 25 KIS	RESIDENCE IN 30 KIS	RESIDENCE IN 30 IS
η_{100}	97,0 %	97,3 %	97,3 %
η_{30}	109,3 %	109,0 %	109,0 %
η_4	87,3 %	87,6 %	87,6 %
η_1	98,5 %	98,2 %	98,2 %
P_4	19,4 kW	24,4 kW	24,4 kW
P_1	6,5 kW	8,2 kW	8,2 kW
C.Heater	Yes	Yes	No ⁽¹⁾
B ₁ Boiler	No	No	No
Type of boiler:	Condensing	Condensing	Condensing
Range Rated?	Yes	Yes	Yes
	⁽¹⁾ models designed for heating only but with the possibility of combining a remote storage tank (the boiler does not have the sanitary circuit but keeps the three-way valve and the connections for the remote storage tank).		

Note: η_{100} = At rated heat output and high-temperature regime - NCV (*) - EN 15502-1:2021, 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 Q_a "
 η_{30} = At 30 % of rated heat output and low-temperature regime - NCV (**) - EN 15052-1:2021, clause 9.4.3: "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 Q_a "
 η_4 = At rated heat output and high-temperature regime (*)
 η_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)
 B₁ Boiler = B₁ 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).

REVISION AND COMMENTS

DD/MM/YYYY	AMENDED BY	PRJ NO.	REPORT NO.	REASON FOR REVISION
29/10/2021	M.A. Gandin	31650	200028897UDI-GCE-RCE-R3	R0: First issue
22/04/2022	M.A. Gandin	33556	200028897UDI-GCE-RCE-R5	R1: Introduction of new model: RESIDENCE IN 30 IS
11/03/2024	M.A. Gandin	40036 40387	200028897UDI-GCE-RCE-R9	R2: Reference standard updating