

# 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:** Riello S.p.A.  
Via Ing. Pilade Riello, 7  
37045 Legnago (VR)  
Italy

**Trademark:** RIELLO

**Product Type:** Central heating combi condensing boiler

**Models:** FAMILY EXTERNA 25 KIS, FAMILY EXTERNA 30 KIS

**Certificate N°:** ITS-2575-GAR-213194802-R3

**PIN:** 2575DM28897

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

**Report Number:** 200028897UDI-GCE-RCE-R12

**Certificate Issue date:**

19 May 2025

**Certificate Expiry date:**

28 March 2032

**Michael Albert Gandin**

Certification Manager  
Intertek Italia SpA (NB 2575)



PRD N° 277B

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## PRODUCT DESCRIPTION

<b>PRODUCT TYPE:</b>	Central heating combi condensing boiler
<b>MODELS:</b>	FAMILY EXTERNA 25 KIS
<b>STANDARD(S):</b>	EN 15502-1:2021+A1:2023, EN 15502-2-1:2022+A1:2023/AC:2024, CEN/TS 15502-3-1:2024, UNI-TS 11854
<b>SPECIAL REMARKS:</b>	Minimum ambient temperature -15°C Values declared by the Manufacturer
<b>APPLIANCES TYPE:</b>	B <sub>23P</sub> , B <sub>53P</sub> , C <sub>13</sub> , C <sub>33</sub> , C <sub>43</sub> , C <sub>53</sub> , C <sub>63</sub> , C <sub>83</sub> , C <sub>93</sub> , C <sub>13x</sub> , C <sub>33x</sub> , C <sub>43x</sub> , C <sub>53x</sub> , C <sub>63x</sub> , C <sub>83x</sub> , C <sub>93x</sub> , C <sub>(10)3</sub>
<b>COUNTRIES:</b>	According to EN 437:2021
<b>GAS CATEGORIES:</b>	I <sub>2H</sub> , I <sub>2HY20</sub> , I <sub>2HY20M</sub> , I <sub>2E</sub> , I <sub>2EY20</sub> , I <sub>3P</sub> , II <sub>2H3P</sub> , II <sub>2HY203P</sub> , II <sub>2HY20M3P</sub> , II <sub>2E3P</sub> , II <sub>2EY203P</sub>

### DETAILS FOR GAS GROUPS, REFERENCE GASES AND SUPPLY PRESSURES:

GROUP	REFERENCE GAS	GROUP	REFERENCE GAS	GROUP	REFERENCE GAS
2H	G20 – 20 mbar	2M	G230 – 20 mbar	3P	G31 – 30 mbar
2H	G20 – 25 mbar	2HY20	G20Y20 – 20 mbar #	3P	G31 – 37 mbar
2E	G20 – 20 mbar	2EY20	G20Y20 – 20 mbar #	3P	G31 – 50 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 H<sub>2</sub> = 20mol%.

## PRODUCT DESCRIPTION

<b>PRODUCT TYPE:</b>	Central heating combi condensing boiler
<b>MODELS:</b>	FAMILY EXTERNA 30 KIS
<b>STANDARD(S):</b>	EN 15502-1:2021+A1:2023, EN 15502-2-1:2022+A1:2023/AC:2024, CEN/TS 15502-3-1:2024, UNI-TS 11854
<b>SPECIAL REMARKS:</b>	Minimum ambient temperature -15°C Values declared by the Manufacturer
<b>APPLIANCES TYPE:</b>	B <sub>23P</sub> , B <sub>53P</sub> , C <sub>13</sub> , C <sub>33</sub> , C <sub>43</sub> , C <sub>53</sub> , C <sub>63</sub> , C <sub>83</sub> , C <sub>93</sub> , C <sub>13x</sub> , C <sub>33x</sub> , C <sub>43x</sub> , C <sub>53x</sub> , C <sub>63x</sub> , C <sub>83x</sub> , C <sub>93x</sub> , C <sub>(10)3</sub>
<b>COUNTRIES:</b>	According to EN 437:2021
<b>GAS CATEGORIES:</b>	I <sub>2H</sub> , I <sub>2HY20</sub> , I <sub>2HY20M</sub> , I <sub>2E</sub> , I <sub>2EY20</sub> , I <sub>2ELL</sub> , I <sub>2E(S)</sub> , I <sub>2E(R)</sub> , I <sub>2Esi</sub> , I <sub>2Er</sub> , I <sub>2ELWLS</sub> , I <sub>2EY20LWLS</sub> , I <sub>3P</sub> , II <sub>2H3P</sub> , II <sub>2HY203P</sub> , II <sub>2HY20M3P</sub> , II <sub>2E3P</sub> , II <sub>2EY203P</sub> , II <sub>2E(S)3P</sub> , II <sub>2E(R)3P</sub> , II <sub>2Esi3P</sub> , II <sub>2Er3P</sub> , II <sub>2ELL3P</sub> , II <sub>2ELWLS3P</sub> , II <sub>2EY20LWLS3P</sub>

### DETAILS FOR GAS GROUPS, REFERENCE GASES AND SUPPLY PRESSURES:

GROUP	REFERENCE GAS	GROUP	REFERENCE GAS	GROUP	REFERENCE GAS
2H	G20 – 20 mbar	2LL	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	G20Y20 – 20 mbar #		
2E(S)	G20 – 20 mbar	2EY20	G20Y20 – 20 mbar #		
2E(R)	G20 – 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 H<sub>2</sub> = 20mol%.

## REVISION AND COMMENTS

DD/MM/YYYY	AMENDED BY	PRJ NO.	REPORT NO.	REASON FOR REVISION
29/03/2022	M.A. Gandin	31948	200028897UDI-GCE-RCE-R4	R0: First issue
23/01/2023	M.A. Gandin	35443	200028897UDI-GCE-RCE-R8	R1: Verification according to EN 15502-1:2021 and introduction of new gas categories
29/02/2024	M.A. Gandin	40036	200028897UDI-GCE-RCE-R9	R2: Standard updating
19/05/2025	M.A. Gandin	44236	200028897UDI-GCE-RCE-R12	R3: Introduction of an alternative component and standards updating

# EU 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:** Riello S.p.A.  
Via Ing. Pilade Riello, 7  
37045 Legnago (VR)  
Italy

**Trademark:** RIELLO

**Product Type:** Central heating combi condensing boiler

**Models:** FAMILY EXTERNA 25 KIS, FAMILY EXTERNA 30 KIS

**Certificate N°:** ITS-2575-BED-213194802-R2

**PIN:** 2575DM28897

**Standard(s):** EN 15502-1:2021+A1:2023,  
EN 15502-2-1:2022+A1:2023/AC:2024

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

**Report Number:** 200028897UDI-GCE-RCE-R12

**Certificate Issue date:**

19 May 2025

**Certificate Expiry date:**

28 March 2032

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**Michael Albert Gandin**

Certification Manager  
Intertek Italia SpA (NB 2575)



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## ANNEX 1

Models:			
	FAMILY EXTERNA 25 KIS	FAMILY EXTERNA 30 KIS	
$\eta_{100}$	97,3 %	97,3 %	
$\eta_{30}$	108,5 %	109,0 %	
$\eta_4$	87,6 %	87,6 %	
$\eta_1$	97,7 %	98,2 %	
$P_4$	19,5 kW	24,4 kW	
$P_1$	6,5 kW	8,2 kW	
C.Heater	Yes	Yes	
B <sub>1</sub> Boiler	No	No	
Type of boiler:	Condensing	Condensing	
Range Rated?	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:  $\eta_{100}$  = 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  $Q_a$ "  
 $\eta_{30}$  = 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  $Q_a$ "  
 $\eta_4$  = 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)  
 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
29/03/2022	M.A. Gandin	31948	200028897UDI-GCE-RCE-R4	R0: First issue
11/03/2024	M.A. Gandin	40036 40387	200028897UDI-GCE-RCE-R9	R1: Reference standard updating
19/05/2025	M.A. Gandin	44236	200028897UDI-GCE-RCE-R12	R2: Typo correction