

# 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

**Trade Mark:** RIELLO

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

**Models:** START AR 25 KIS

**Certificate N°:** ITS-2575-GAR-3416601

**PIN:** 2575DN34166

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

**Report Number:** 200034166UDI-GCE-RCE

**Certificate Issue date:**

01 September 2022

**Certificate Expiry date:**

31 August 2032



**Michael Albert Gandin**

Certification Manager  
Intertek Italia SpA (NB 2575)



PRD N° 277B

Membro degli Accordi di Mutuo  
Riconoscimento EA, IAF e ILAC

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Mutual Recognition Agreements



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## PRODUCT DESCRIPTION

<b>PRODUCT TYPE:</b>	Central heating combi condensing boiler
<b>MODELS:</b>	START AR 25 KIS
<b>STANDARD(S):</b>	EN 15502-1:2012+A1:2015 and EN 15502-2-1:2012+A1:2016
<b>SPECIAL REMARKS:</b>	Minimum ambient temperature = -10°C
<b>APPLIANCES TYPE:</b>	B <sub>22P</sub> , B <sub>52P</sub> , C <sub>12</sub> , C <sub>32</sub> , C <sub>42</sub> , C <sub>52</sub> , C <sub>62</sub> , C <sub>82</sub> , C <sub>92</sub> , C <sub>12X</sub> , C <sub>32X</sub> , C <sub>42X</sub> , C <sub>52X</sub> , C <sub>62X</sub> , C <sub>82X</sub> , C <sub>92X</sub>

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

**COUNTRIES:** AL, AT, BG, CH, CY, CZ, DE, DK, EE, ES, FI, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MK, MT, NO, NL, 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	P	G31 – 30 mbar	P	G31 – 50 mbar
E	G20 – 20 mbar	P	G31 – 37 mbar		
H	G20 – 25 mbar				

## REVISION AND COMMENTS

DD/MM/YYYY	AMENDED BY	PROJECT NO.	REPORT NO.	REASON FOR REVISION
01/09/2022	M.A. Gandin	34166	200034166UDI-GCE-RCE	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.

**Applicant:** Riello S.p.A.  
**Address:** Via Ing. Pilade Riello, 7- 37045 (VR) - Italy  
**Trade Mark:** RIELLO  
**Product Type:** Central heating combi condensing boiler  
**Models:** START AR 25 KIS  
**Certificate N°:** ITS-2575-BED-3416601  
**PIN:** 2575DN34166  
**Standard(s):** EN 15502-1:012 + A1:2015, EN 15502-2-1:2012 + A1:2016

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

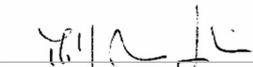
**Report Number:** 200034166UDI-GCE-RCE

**Certificate Issue date:**

01 September 2022

**Certificate Expiry date:**

31 August 2032



**Michael Albert Gandin**

Certification Manager  
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## ANNEX 1

Models:			
	START AR 25 KIS		
$\eta_{100}$	95,6 %		
$\eta_{30}$	101,7 %		
$\eta_4$	86,1 %		
$\eta_1$	91,6 %		
$P_4$	24,0 kW		
$P_1$	7,6 kW		
Combi Heater?	Yes		
B1 Boiler?	No		
Type of boiler:	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)  
 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).

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

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