EU TYPE-EXAMINATION CERTIFICATE (MODULE B)

REGULATION (EU) 2016/426

This is to certify that the listed appliances 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:	**START 25 KIS, START 30 KIS, START 15 IS, START 25 IS, RESIDENCE IN-S 25 KIS, RESIDENCE IN-S 30 KIS, RESIDENCE IN-S 30 IS, RLT 25 KIS, RLT 30 KIS, RLM 25 KIS, RLM 30 KIS**
Certificate N°:	**ITS-2575-GAR-212950401-R9**
PIN:	**2575DM28897**

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

Report Number: **200028897UDI-GCE-RCE-R15**

This certificate cancels and replaces the previous one.

Certificate first issue date:
27 July 2021

Certificate current issue date:
27 May 2026

Certificate expiration date:
26 July 2031

Michael Albert Gandin

Certification Manager
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00151

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC

Signatory of EA, IAF and ILAC Mutual Recognition Agreements

PRODUCT DESCRIPTION

PRODUCT TYPE:	Central heating combi condensing boiler
MODELS:	START 25 KIS, START 30 KIS, START 25 IS [(1)], RESIDENCE IN-S 25 KIS, RESIDENCE IN-S 30 KIS, RESIDENCE IN-S 30 IS [(1)], RLT 25 KIS, RLT 30 KIS, RLM 25 KIS, RLM 30 KIS [(1)] = Models designed for heating only but with the possibility of combining a remote storage tank.
STANDARD(S):	EN 15502-1:2021+A1:2023, EN 15502-2-1:2022+A1:2023 /AC:2024, CEN/TS 15502-3-1:2024, UNI-TS 11854
SPECIAL REMARKS:	Minimum ambient temperature > 0°C (-15°C with frost protection kit) Values declared by the Manufacturer
APPLIANCES TYPE:	B_{23P}, B_{53P}, 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}, $C_{(10)3}$
COUNTRIES:	According to EN 437:2021
GAS CATEGORIES:	I_{2H}, I_{2HY20}, I_{2HY20M}, I_{2E}, I_{2EY20}, I_{2ELL}, $I_{2E(S)}$, $I_{2E(R)}$, I_{2Esi}, I_{2Er}, I_{2ELwLs}, $I_{2EY20LwLs}$, I_{3P}, II_{2H3P}, $II_{2HY203P}$, $II_{2HY20M3P}$, II_{2E3P}, $II_{2EY203P}$, $II_{2E(S)3P}$, $II_{2E(R)3P}$, II_{2Esi3P}, II_{2Er3P}, II_{2ELL3P}, $II_{2ELwLs3P}$, $II_{2EY20LwLs3P}$

DETAILS FOR GAS GROUPS, REFERENCE GASES AND SUPPLY PRESSURES:

GROUP	REFERENCE GAS
2H	G20 – 20 mbar
2H	G20 – 25 mbar
2E	G20 – 20 mbar
2Esi	G20/G25 – 20/25 mbar
2Er	G20/G25 – 20/25 mbar
2E(S)	G20 – 20 mbar
2E(R)	G20 – 20 mbar

GROUP	REFERENCE GAS
2LL	G25 – 20 mbar
2Lw	G27 – 20 mbar
2Ls	G2.350 – 13 mbar
2M	G230 – 20 mbar
2HY20	G20Y20 – 20 mbar #
2EY20	G20Y20 – 20 mbar #

GROUP	REFERENCE GAS
3P	G31 – 30 mbar
3P	G31 – 37 mbar
3P	G31 – 50 mbar

Suffix Y20 indicates gas group(s) not yet introduced in EN 437:2021 and based on a gas blend of Methan/Hydrogen resulting in a gas mixture with max 20% amount of H2 when the appliance is set for the reference gas G20

PRODUCT DESCRIPTION

PRODUCT TYPE:	Central heating combi condensing boiler
MODELS:	START 15 IS (1) (1) = Models designed for heating only but with the possibility of combining a remote storage tank.
STANDARD(S):	EN 15502-1:2021+A1:2023, EN 15502-2-1:2022+A1:2023 /AC:2024, CEN/TS 15502-3-1:2024, UNI-TS 11854
SPECIAL REMARKS:	Minimum ambient temperature > 0°C (-15°C with frost protection kit) Values declared by the Manufacturer
APPLIANCES TYPE:	B_{23P}, B_{53P}, 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}, $C_{(10)3}$
COUNTRIES:	According to EN 437:2021
GAS CATEGORIES:	I_{2H}, I_{2HY20}, I_{2E}, I_{2EY20}, I_{2ELL}, $I_{2E(S)}$, $I_{2E(R)}$, I_{2Esi}, I_{2Er}, I_{2ELwLs}, $I_{2EY20LwLs}$, I_{3P}, II_{2H3P}, $II_{2HY203P}$, II_{2E3P}, $II_{2EY203P}$, $II_{2E(S)3P}$, $II_{2E(R)3P}$, II_{2Esi3P}, II_{2Er3P}, II_{2ELL3P}, $II_{2ELwLs3P}$, $II_{2EY20LwLs3P}$

DETAILS FOR GAS GROUPS, REFERENCE GASES AND SUPPLY PRESSURES:

GROUP	REFERENCE GAS
2H	G20 – 20 mbar
2H	G20 – 25 mbar
2E	G20 – 20 mbar
2LL	G25 – 20 mbar
2Esi	G20/G25 – 20/25 mbar
2Er	G20/G25 – 20/25 mbar

GROUP	REFERENCE GAS
2E(S)	G20 – 20 mbar
2E(R)	G20 – 20 mbar
2Lw	G27 – 20 mbar
2Ls	G2.350 – 13 mbar
2HY20	G20Y20 – 20 mbar #
2EY20	G20Y20 – 20 mbar #

GROUP	REFERENCE GAS
3P	G31 – 30 mbar
3P	G31 – 37 mbar
3P	G31 – 50 mbar

Suffix Y20 indicates gas group(s) not yet introduced in EN 437:2021 and based on a gas blend of Methan/Hydrogen resulting in a gas mixture with max 20% amount of H2 when the appliance is set for the reference gas G20

REVISION AND COMMENTS

DD/MM/YYYY	AMENDED BY	PROJECT NO.	REPORT NO.	REASON FOR REVISION
27/07/2021	G. Baiocco	29504	200028897UDI-GCE-RCE-R1	R0: First issue
28/10/2021	M.A. Gandin	31649	200028897UDI-GCE-RCE-R2	R1: Introduction of new model START 15 IS
28/07/2022	M.A. Gandin	33875	200028897UDI-GCE-RCE-R7	R2: Introduction of product codes for models START 25 KIS and START 30 KIS with alternative fan motor
23/01/2023	M.A. Gandin	35443	200028897UDI-GCE-RCE-R8	R3: Verification according to EN 15502-1:2021 and introduction of new gas categories
02/02/2023	M.A. Gandin	35443	200028897UDI-GCE-RCE-R8	R4: Typo correction
29/02/2024	M.A. Gandin	40036	200028897UDI-GCE-RCE-R9	R5: Standard updating and introduction of new models RLT 25 KIS and RLT 30 KIS.
19/04/2024	M.A. Gandin	40750	200028897UDI-GCE-RCE-R10	R6: Introduction of alternative components.
19/05/2025	M.A. Gandin	44236	200028897UDI-GCE-RCE-R12	R7: Introduction of an alternative component and standards updating
25/07/2025	M.A. Gandin	44998	200028897UDI-GCE-RCE-R13	R8: Introduction of new models RLM 25 KIS and RLM 30 KIS.
22/01/2026	M.A. Gandin	45930	200028897UDI-GCE-RCE-R14	R9: Modification of appliances construction
27/05/2026	M.A. Gandin	47954	200028897UDI-GCE-RCE-R15	R10: Introduction of alternative components and of new models RESIDENCE IN-S

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 listed appliances 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:	**START 25 KIS, START 30 KIS, START 15 IS, START 25 IS, RESIDENCE IN-S 25 KIS, RESIDENCE IN-S 30 KIS, RESIDENCE IN-S 30 IS, RLT 25 KIS, RLT 30 KIS, RLM 25 KIS, RLM 30 KIS**
Certificate N°:	**ITS-2575-BED-212950401-R5**
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-R15**

This certificate cancels and replaces the previous one.

Certificate first issue date:
27 July 2021

Certificate current issue date:
27 May 2026

Certificate expiration date:
26 July 2031

Michael Albert Gandin

Certification Manager
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ANNEX 1

Models:			
	START 15 IS	**START 25 KIS RESIDENCE IN-S 25 KIS RLT 25 KIS RLM 25 KIS**	**START 25 IS**
η_{100}	96,7 %	97,0 %	97,0 %
η_{30}	109,6 %	109,3 %	109,3 %
η_4	87,1 %	87,3 %	87,3 %
η_1	98,7 %	98,5 %	98,5 %
P_4	14,5 kW	19,4 kW	19,4 kW
P_1	4,9 kW	6,5 kW	6,5 kW
Combi Heater	No (1)	Yes	No (1)
B_1 Boiler	No	No	No
Type of boiler	Condensing	Condensing	Condensing
Range rated	No	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+A1:2023, clause 9.4.3: "the useful efficiency in % at nominal heat input Qn 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 Qn 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 B_1 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)

Models:			
	START 30 KIS RESIDENCE IN-S 30 KIS RLT 30 KIS RLM 30 KIS	**RESIDENCE IN-S 30 IS**	
η_{100}	97,3 %	97,3 %	
η_{30}	109,0 %	109,0 %	
η_4	87,6 %	87,6 %	
η_1	98,2 %	98,2 %	
P_4	24,4 kW	24,4 kW	
P_1	8,2 kW	8,2 kW	
Combi Heater	Yes	No (1)	
B_1 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: 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 Qn 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 Qn 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 B_1 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

DD/MM/YYYY	AMENDED BY	PROJECT NO.	REPORT NO.	REASON FOR REVISION
27/07/2021	G. Baiocco	29504	200028897UDI-GCE-RCE-R1	R0: First issue
28/10/2021	M.A. Gandin	31649	200028897UDI-GCE-RCE-R2	R1: Introduction of new model START 15 IS
29/02/2024	M.A. Gandin	40036	200028897UDI-GCE-RCE-R9	R2: Introduction of new models RLT 25 KIS and RLT 30 KIS
19/05/2025	M.A. Gandin	44236	200028897UDI-GCE-RCE-R12	R3: Typo correction
25/07/2025	M.A. Gandin	44998	200028897UDI-GCE-RCE-R13	R4: Introduction of new models RLM 25 KIS and RLM 30 KIS
27/05/2026	M.A. Gandin	47954	200028897UDI-GCE-RCE-R15	R5: Introduction of new models RESIDENCE IN-S