

<b>Number</b>	KIP-07870	<b>Replaces</b>	KIP-17570
<b>Issue date</b>	23-04-2025	<b>Contract number</b>	I 7230
<b>Due date</b>	22-04-2035	<b>Scope</b>	(EU) 2016/426 (9 March 2016)
<b>Report number</b>	2011765/4	<b>Module</b>	B (Type testing)
<b>PIN</b>	0476DN1765		

## EU TYPE-EXAMINATION CERTIFICATE (GAR)

Kiwa Cermet Italia declares that the central heating condensing boiler, type(s):

**RESIDENCE HM 25 KIS, RESIDENCE HM 20 IS, FAMILY HM 25 KIS, FAMILY HM 25 IS, FAMILY HM CONNECT 25 KIS, RESIDENCE HM 30 KIS, RESIDENCE HM 30 IS, FAMILY HM 30 KIS, RESIDENCE HM 35 KIS, FAMILY HM 35 KIS, FAMILY HM 35 IS, FAMILY HM CONNECT 35 KIS, FAMILY HM CONNECT 35 IS, RESIDENCE AQUA HM 25 BIS, RESIDENCE AQUA HM 35 BIS**

Manufacturer

**RIELLO S.p.A.**

**Via Ing. Pilade Riello, 7**

**37045 Legnago (VR) - Italy**

Meet the essential requirements as described in the

**Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.**

Reference standard: EN 15502-1:2021+A1:2023, EN 15502-2-1:2022+A1:2023

This certificate is only valid in combination with the appendix to this certificate, where specific information and/or conditions are given.

# CERTIFICATE

**Kiwa Cermet Italia S.p.A.**  
Società con socio unico, soggetta  
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coordinamento di Kiwa Italia  
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**Organismo Notificato n. 0476**  
Notified Body nr. 0476

**Industry Division Manager**

*Maurizio Lorenzon*



PRD N° 0069PRD

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC  
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

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**Due date** 22-04-2035 **Module** B (Type testing)  
**Report number** 2011765/4  
**PIN** 0476DN1765

## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Brand name: **RIELLO**

Types:

Model name	Nominal Heat Input - Qmax (Hi)	
	CH	DHW
	(kW)	(kW)
RESIDENCE HM 20 IS	20,0	20,0
RESIDENCE HM 25 KIS	20,0	25,0
FAMILY HM 25 KIS, FAMILY HM CONNECT 25 KIS	20,0	25,0
FAMILY HM 25 IS	20,0	25,0
RESIDENCE AQUA HM 25 BIS	20,0	25,0
RESIDENCE HM 30 KIS	25,0	30,0
FAMILY HM 30 KIS	25,0	30,0
RESIDENCE HM 30 IS	30,0	34,9
RESIDENCE HM 35 KIS	30,0	34,9
RESIDENCE AQUA HM 35 BIS	30,0	34,9
FAMILY HM 35 KIS, FAMILY HM CONNECT 35 KIS	32,0	34,9
FAMILY HM 35 IS, FAMILY HM CONNECT 35 IS	32,0	34,9

Appliance types:

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>\*

\* : Installation valid only for gas groups H and E

Countries:

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

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Gas groups:

Models		RESIDENCE HM 25 KIS, RESIDENCE HM 20 IS, FAMILY HM 25 KIS, FAMILY HM 25 IS, FAMILY HM CONNECT 25 KIS, RESIDENCE HM 30 KIS, RESIDENCE HM 30 IS, FAMILY HM 30 KIS, RESIDENCE HM 35 KIS, FAMILY HM 35 KIS, FAMILY HM 35 IS, FAMILY HM CONNECT 35 KIS, FAMILY HM CONNECT 35 IS, RESIDENCE AQUA HM 25 BIS, RESIDENCE AQUA HM 35 BIS
Gas groups	mbar	
EY20	20	X
HY20	20;25	X
E	20	X
H	20;25	X
LL	20	X
Lw	20	X
Ls	13	X
M	20	X
P	30; 37; 50	X

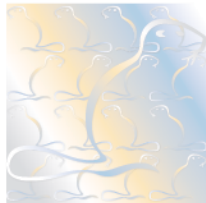
The above gas groups can be combined according to the standard EN437:2021 and national situation of countries.

*Note:* Suffix "Y20" means that the appliances are suitable for the use of natural gas of the indicated gas group, mixed with hydrogen resulting in a gas mixture containing up to 20% of Hydrogen gas (H<sub>2</sub>) when the appliance is set for the reference gas G20.

Remarks:

The validity of this certificate can be verified on request at the following e-mail address: [info@kiwacermet.it](mailto:info@kiwacermet.it)

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<b>Number</b>	KIP-07871	<b>Replaces</b>	KIP-17571
<b>Issue date</b>	23-04-2025	<b>Contract number</b>	I 7230
<b>Report number</b>	2011765/4	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>PIN</b>	0476DN1765	<b>Module</b>	B (Type testing)

## EC TYPE-EXAMINATION CERTIFICATE (BED/R813)

Kiwa Cermet Italia, notified body for council Directive 92/42/EC, hereby declares that the Central heating condensing boilers, type(s):

**RESIDENCE HM 25 KIS, RESIDENCE HM 20 IS, FAMILY HM 25 KIS, FAMILY HM 25 IS,  
FAMILY HM CONNECT 25 KIS, RESIDENCE HM 30 KIS, RESIDENCE HM 30 IS,  
FAMILY HM 30 KIS, RESIDENCE HM 35 KIS, FAMILY HM 35 KIS, FAMILY HM 35 IS,  
FAMILY HM CONNECT 35 KIS, FAMILY HM CONNECT 35 IS,  
RESIDENCE AQUA HM 25 BIS, RESIDENCE AQUA HM 35 BIS**

Manufacturer

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

meet the requirements regarding useful efficiencies according to **article 4 of commission regulation (EU) No. 813/2013** and as described in the **Directive 92/42/EEC on efficiency requirements**.

Reference standard: EN 15502-1:2021+A1:2023, EN 15502-2-1:2022+A1:2023

This certificate is only valid in combination with the appendix to this certificate, where specific information and/or conditions are given.

# CERTIFICATE

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**all'attività di direzione e coordinamento**  
**di Kiwa Italia Holding Srl**

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**Organismo Notificato n. 0476**  
Notified Body nr. 0476

**Industry Division Manager**  
*Maurizio Lorenzon*



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<b>PIN</b>	0476DN1765		

## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

Model(s):

RESIDENCE HM 20 IS, FAMILY HM 25 IS

Condensing boiler:		yes
Range rated:	no	
Low-temperature boiler:		no
B1 boiler:	no	
Combination heater:	no <sup>(1)</sup>	

<sup>(1)</sup> The boiler can be connected to an external tank for domestic hot water production

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	19,5	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	6,6	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,7	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	109,7	%

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

Efficiency's values have been measured with G20

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

Model(s):

RESIDENCE HM 25 KIS, FAMILY HM 25 KIS, FAMILY HM CONNECT 25 KIS, RESIDENCE AQUA HM 25 BIS

Condensing boiler:		yes
Range rated:	no	
Low-temperature boiler:		no
B1 boiler:	no	
Combination heater:	yes	

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	19,5	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	6,6	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,7	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	109,7	%

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

Efficiency's values have been measured with G20

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

Model(s):

RESIDENCE HM 30 KIS, FAMILY HM 30 KIS

Condensing boiler:		yes
Range rated:	no	
Low-temperature boiler:		no
B1 boiler:	no	
Combination heater:	yes	

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	24,4	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	8,2	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,7	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,7	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	109,6	%

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

Efficiency's values have been measured with G20

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

Model(s):  
RESIDENCE HM 30 IS

Condensing boiler:		yes
Range rated:	no	
Low-temperature boiler:		no
B1 boiler:	no	
Combination heater:	no <sup>(1)</sup>	

<sup>(1)</sup> The boiler can be connected to an external tank for domestic hot water production

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	29,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	9,9	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,6	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	109,7	%

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

Efficiency's values have been measured with G20

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

Model(s):

RESIDENCE HM 35 KIS, RESIDENCE AQUA HM 35 BIS

Condensing boiler:		yes
Range rated:	no	
Low-temperature boiler:		no
B1 boiler:	no	
Combination heater:	yes	

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	29,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	9,9	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,6	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	109,7	%

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

Efficiency's values have been measured with G20

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

Model(s):

FAMILY HM 35 KIS, FAMILY HM CONNECT 35 KIS

Condensing boiler:		yes
Range rated:	no	
Low-temperature boiler:		no
B1 boiler:	no	
Combination heater:	yes	

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	31,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	10,5	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	$\eta_4$	87,8	%
At 30 % of rated heat output and low-temperature regime (**)	$\eta_1$	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	$\eta_{100}$	97,5	%
At 30 % of rated heat output and low-temperature regime (**)	$\eta_{30}$	109,7	%

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

Efficiency's values have been measured with G20

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

Model(s):

FAMILY HM 35 IS, FAMILY HM CONNECT 35 IS

Condensing boiler:		yes
Range rated:	no	
Low-temperature boiler:		no
B1 boiler:	no	
Combination heater:	no <sup>(1)</sup>	

<sup>(1)</sup> The boiler can be connected to an external tank for domestic hot water production

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	31,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	10,5	kW
Useful efficiencies (GCV)			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,8	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,8	%
Useful efficiencies (NCV)			
At rated heat output and high-temperature regime (*)	η <sub>100</sub>	97,5	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>30</sub>	109,7	%

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(\*\*) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(GCV) Calculated values are based on Gross calorific value (reference conditions:15 °C, 1013,25 mbar)

(NCV) Calculated values are based on Net calorific value (reference conditions:15 °C, 1013,25 mbar)

Efficiency's values have been measured with G20

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