



Number	KIP-17232/E	Replaces	KIP-16447/G
Issue date	31-01-2023	Contract number	–
Report number	2003887/1	Scope	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
PIN	0476CU3887	Module	B (Type testing)

EC TYPE-EXAMINATION CERTIFICATE (BED/R813)

Kiwa Cermet Italia, notified body for council Directive 92/42/EC, hereby declares that the
Condensing heating boilers with atomizing oil burner, type(s):

**INSIEME EVO Cond 20 LN V, INSIEME EVO Cond 25 LN V,
INSIEME EVO Cond 35 LN V, INSIEME EVO Cond 25 B/130 LN,
INSIEME EVO Cond 35 B/130 LN, INSIEME EVO Cond 45 LN,
INSIEME EVO Cond 55 LN, INSIEME EVO Cond 70 LN,
INSIEME EVO COND 20 V - B100, INSIEME EVO COND 25 V - B100,
INSIEME EVO COND 25 B/130 - B100, INSIEME EVO COND 35 V - B100,
INSIEME EVO COND 35 B/130 - B100, INSIEME EVO COND 45 - B100,
INSIEME EVO COND 55 - B30, INSIEME EVO COND 70 - B30**

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 303-1:2017, EN303-2:2017, EN303-4:1999, EN304:2017, EN15035:2006

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

Via Cadriano, 23
40057 Granarolo dell'Emilia (BO)

Unità locale
Via Treviso 32/34
31020 San Vendemiano (TV)

Tel +39. 0438 411755

Fax +39.0438 22428

E-mail: info@kiwacermet.it

www.kiwa.it

www.kiwacermet.it

GASTEC

President
Giampiero Belcredi



PRD N° 069B

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



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PIN	0476CU3887		

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

Brand name:

RIELLO

Specifications:

Model(s):

INSIEME EVO Cond 20 LN V, INSIEME EVO COND 20 V - B100

Condensing boiler:	si
Range rated:	no
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no ⁽¹⁾

⁽¹⁾ 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 ₄	19,5	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	6,4	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	91,8	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	99,9	%

(*) 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).

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

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

This certificate will expire if there have been any changes to the product that may have an impact on compliance with the requirements of the Directive. This certificate will expire if there have been any updates and / or changes to the Technical Standards applicable unless specifically approved by Kiwa Cermet Italia. Any total or partial reproduction of this document in any form, without Kiwa Cermet Italia express authorization, is prohibited.

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

Brand name:

RIELLO

Specifications:

Model(s):

INSIEME EVO Cond 25 LN V, INSIEME EVO COND 25 V - B100

Condensing boiler:	si
Range rated:	no
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no ⁽¹⁾

⁽¹⁾ 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 ₄	24,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	7,9	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	91,4	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	99,6	%

- (*) 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).

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

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

Brand name:

RIELLO

Specifications:

Model(s):

INSIEME EVO Cond 35 LN V, INSIEME EVO COND 35 V - B100

Condensing boiler:	si
Range rated:	no
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no ⁽¹⁾

⁽¹⁾ 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 ₄	33,8	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	11,0	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	91,0	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98,9	%

- (*) 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).

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

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

Brand name:

RIELLO

Specifications:

Model(s):

INSIEME EVO Cond 25 B/130 LN, INSIEME EVO COND 25 B/130 - B100

Condensing boiler:	si
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 ₄	24,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	7,9	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	91,4	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	99,6	%

(*) 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).

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

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

Brand name:

RIELLO

Specifications:

Model(s):

INSIEME EVO Cond 35 B/130 LN, INSIEME EVO COND 35 B/130 - B100

Condensing boiler:	si
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 ₄	33,8	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	11,0	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	91,0	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98,9	%

(*) 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).

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

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

Brand name:

RIELLO

Specifications:

Model(s):

INSIEME EVO Cond 45 LN, INSIEME EVO COND 45 - B100

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	43,7	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	14,2	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	91,7	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98,9	%

(*) 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).

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

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

Brand name:

RIELLO

Specifications:

Model(s):

INSIEME EVO Cond 55 LN, INSIEME EVO COND 55 - B30

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	53,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	17,3	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	91,4	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98,9	%

(*) 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).

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

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

Brand name:

RIELLO

Specifications:

Model(s):

INSIEME EVO Cond 70 LN, INSIEME EVO COND 70 - B30

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	67,7	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	22,0	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	91,3	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	98,9	%

(*) 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).

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

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