



Number	KIP-17231/E	Replaces	KIP-15474/E
Issue date	31-01-2023	Contract number	—
Report number	2002011/1	Scope	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
PIN	0476CS2011	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 Low temperature heating boilers with atomizing oil burner, type(s):

**INSIEME EVOe 25 LN, INSIEME EVOe 25 K LN, INSIEME EVOe 25 B/70 LN,
INSIEME EVOe 32 K LN, INSIEME EVOe 32 V LN, INSIEME EVOe 32 B/110 LN,
INSIEME EVOe 25 - B100, INSIEME EVOe 25 B/70 - B100,
INSIEME EVOe 25 K - B100, INSIEME EVOe 32 K - B100,
INSIEME EVOe 32 B/110 - B100, INSIEME EVOe 32 V - B100**

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, 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.

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



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

Brand name:

RIELLO

Specifications:

Model(s):

INSIEME EVOe 25 LN, INSIEME EVOe 25 - B100

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	25,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	7,7	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	90,0	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	91,1	%

(*) 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 EVOe 25 K LN, INSIEME EVOe 25 B/70 LN,
INSIEME EVOe 25 B/70 - B100, INSIEME EVOe 25 K - B100

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	25,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	7,7	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	90,0	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	91,1	%

- (*) 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 EVOe 32 K LN, INSIEME EVOe 32 K - B100,
INSIEME EVOe 32 B/110 LN, INSIEME EVOe 32 B/110 - B100

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

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P ₄	32,5	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	9,9	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	90,2	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	91,8	%

- (*) 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 EVOe 32 V LN, INSIEME EVOe 32 V - B100

Condensing boiler:	no
Range rated:	no
Low-temperature boiler:	yes
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	32,5	kW
At 30 % of rated heat output and low-temperature regime (**)	P ₁	9,9	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η ₄	90,2	%
At 30 % of rated heat output and low-temperature regime (**)	η ₁	91,8	%

- (*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.
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Calculated values are based on gross calorific value (reference conditions: 15 °C, 1013,25 mbar)

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