



Number	KIP-16447/G	Replaces	--
Issue date	11-11-2019	Contract number	I 7230
Report number	2003887	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 products
Condensing heating boiler with atomizing oil burner, types:

**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**

Manufacturer

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

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: EN303-2:2017, EN 304:2017, EN 15035:2006

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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GASTEC

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PIN	0476CU3887		

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

Brand name:

RIELLO

Specifications:

Model:

INSIEME EVO Cond 20 LN V

Condensing boiler:	yes
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 the 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	%

Efficiency's values have been measured with oil

- (*) 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

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:

INSIEME EVO Cond 25 LN V

Condensing boiler:	yes
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 the 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	%

Efficiency's values have been measured with oil

- (*) 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).

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

Brand name:

RIELLO

Specifications:

Model:

INSIEME EVO Cond 35 LN V

Condensing boiler:	yes
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 the 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	%

Efficiency's values have been measured with oil

- (*) 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).

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

Brand name:

RIELLO

Specifications:

Model:

INSIEME EVO Cond 25 B/130 LN

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 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	%

Efficiency's values have been measured with oil

- (*) 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).

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

Brand name:

RIELLO

Specifications:

Model:

INSIEME EVO Cond 35 B/130 LN

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 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	%

Efficiency's values have been measured with oil

- (*) 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).

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

Brand name:

RIELLO

Specifications:

Model:

INSIEME EVO Cond 45 LN

Condensing boiler:	yes
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	%

Efficiency's values have been measured with oil

- (*) 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

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

Brand name:

RIELLO

Specifications:

Model:

INSIEME EVO Cond 55 LN

Condensing boiler:	yes
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	%

Efficiency's values have been measured with oil

- (*) 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

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

Brand name:

RIELLO

Specifications:

Model:

INSIEME EVO Cond 70 LN

Condensing boiler:	yes
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	%

Efficiency's values have been measured with oil

- (*) 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).

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