

Number	KIP-15474/E	Replaces	---
Issued	25-01-2018	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
Report	2002011	Page	1 of 3
PIN	0476CS2011		

### EC TYPE EXAMINATION CERTIFICATE

**Kiwa Cermet Italia, notified body for council Directive 92/42/EEC, hereby declares that according to article 4 of commission regulation (EU) No. 813/2013 the products**

Low temperature heating boilers with atomizing oil burner

Trade mark: **RIELLO**  
Models: 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

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

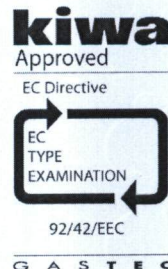
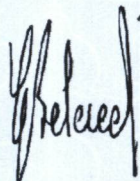
Have achieved the following (see Annex 1) full and part load efficiencies.

The assessment test have been performed using the following standards as guidelines:

- EN 303-1:1999
- EN 303-1/A1:2003
- EN303-2:1998
- EN303-2/A1:2003
- EN304:1992
- EN304/A1:1998
- EN304/A2:2003
- EN15035:2006

*The validity of this certificate can be verified on request at the following e-mail address: info@kiwa.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, as well as on updates and / or changes to the Technical Standards applicable unless specifically approved by Kiwa Cermet Italia*

Chief Operating Officer  
Giampiero Belcredi



SGQ N° 007A SSI N° 006G  
SGA N° 010D FSM N° 004I  
PRD N° 069B

**Kiwa Cermet Italia S.p.A.**  
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Certificato



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## EC TYPE EXAMINATION CERTIFICATE

### ANNEX 1

#### Models:

	INSIEME EVOe 25 LN	INSIEME EVOe 25 K LN INSIEME EVOe 25 B/70 LN	INSIEME EVOe 32 K LN
$\eta_{100}$	95,4 %	95,4 %	95,7 %
$\eta_{30}$	96,6 %	96,6 %	97,3 %
$\eta_4$	90,0 %	90,0 %	90,2 %
$\eta_1$	91,1 %	91,1 %	91,8 %
$P_4$	25,3 kW	25,3 kW	32,5 kW
$P_1$	7,7 kW	7,7 kW	9,9 kW
C.Heater?	No	Yes	Yes
B <sub>1</sub> Boiler?	No	No	No
Type of boiler:	"Low Temperature"	"Low Temperature"	"Low Temperature"

#### Note:

$\eta_{100}$  = At rated heat output and high-temperature regime - NCV (\*)

$\eta_{30}$  = At 30 % of rated heat output and low-temperature regime - NCV (\*\*)

$\eta_4$  = At rated heat output and high-temperature regime - GCV (\*)

$\eta_1$  = At 30 % of rated heat output and low-temperature regime - GCV (\*\*)

$P_4$  = 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)

B<sub>1</sub> Boiler = B<sub>1</sub> according CEN/TR 1749:2014

Type of boiler = "Condensing Boiler" or "Low Temperature Boiler" or "Other Boiler"

Efficiency's values have been measured with OIL.

(n.t.= not tested)

(\*) 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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	INSIEME EVOe 32 V LN	INSIEME EVOe 32 B/110 LN
$\eta_{100}$	95,7 %	95,7 %
$\eta_{30}$	97,3 %	97,3 %
$\eta_4$	90,2 %	90,2 %
$\eta_1$	91,8 %	91,8 %
$P_4$	32,5 kW	32,5 kW
$P_1$	9,9 kW	9,9 kW
C.Heater?	No <sup>(1)</sup>	Yes
B <sub>1</sub> Boiler?	No	No
Type of boiler:	"Low Temperature"	"Low Temperature"

(1) The boiler can be connected to an external tank for the domestic hot water production

### Note:

$\eta_{100}$  = At rated heat output and high-temperature regime - NCV (\*)

$\eta_{30}$  = At 30 % of rated heat output and low-temperature regime - NCV (\*\*)

$\eta_4$  = At rated heat output and high-temperature regime - GCV (\*)

$\eta_1$  = At 30 % of rated heat output and low-temperature regime - GCV (\*\*)

$P_4$  = 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 = B1 according CEN/TR 1749:2014

Type of boiler = "Condensing Boiler" or "Low Temperature Boiler" or Other Boiler"

Efficiency's values have been measured with OIL.

(n.t.= not tested)

(\*) 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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