

Number	KIP-16000/E	Replaces	KIP-15939/E
Issued	29-10-2018	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
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PIN	0476CT2450		

## 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**

Central heating condensing boilers

Trade mark: **RIELLO**

Models: TAU Unit 35, TAU Unit 50, TAU Unit 70, TAU Unit 100,  
TAU Unit 115, TAU Unit 140, TAU Unit 190

Placed on the market 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 15502-1:2012+A1:2015, EN 15502-2-1:2012+A1:2016

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

**Kiwa Cermet Italia S.p.A.**  
Società con socio unico, soggetta all'attività di  
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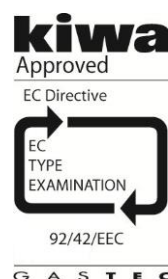
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**GASTEC**

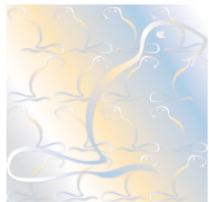
Chief Operating Officer  
Giampiero Belcredi



Organismo Notificato n. 0476

SGQ N° 007A  
SGA N° 010D  
PRD N° 069B  
FSM N° 004I  
PRS N° 089C

Rev.8



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## EC TYPE EXAMINATION CERTIFICATE

### ANNEX 1

#### Models:

	TAU Unit 50	TAU Unit 70	TAU Unit 100	TAU Unit 115
$\eta_{100}$	97,1 %	97,3%	97,5%	97,4 %
$\eta_{30}$	109,7%	108,5%	108,6%	108,7 %
$\eta_4$	87,4 %	87,6%	87,7%	87,7
$\eta_1$	98,8 %	97,7%	97,8%	97,8
P <sub>4</sub>	48,4 kW	68kW	97,5kW	112kW
P <sub>1</sub>	16,4 kW	22,7kW	32,5kW	34,5kW
C.Heater?	No <sup>(1)</sup>	No <sup>(1)</sup>	No <sup>(1)</sup>	No <sup>(1)</sup>
B <sub>1</sub> Boiler?	No	No	No	No
Type of boiler:	"Condensing"	"Condensing"	"Condensing"	"Condensing"

	TAU Unit 35	TAU Unit 140	TAU Unit 190
$\eta_{100}$	97,2%	97,7%	97,8%
$\eta_{30}$	107,8%	108,8%	108,8%
$\eta_4$	87,5 %	88,0%	88,0%
$\eta_1$	97,1 %	98,0%	97,9%
P <sub>4</sub>	33,8 kW	136,8 kW	185,8 kW
P <sub>1</sub>	11,3 kW	45,7 kW	62,0 kW
C.Heater?	No <sup>(1)</sup>	No <sup>(1)</sup>	No <sup>(1)</sup>
B <sub>1</sub> Boiler?	No	No	No
Type of boiler:	"Condensing"	"Condensing"	"Condensing"

<sup>(1)</sup> 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<sub>4</sub> = At rated heat output and high-temperature regime (\*)

P<sub>1</sub> = 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 gas G20

(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).

# CERTIFICATE

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