



# CERTIFICATE

Number	KIP-15842/E	Replaces	KIP-15100/E
Issued	17-07-2018	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
Report	141201281/3	Page	1 of 3
PIN	0476CQ1281		

## 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: **ITALTHERM**

Models: *as specified in the Annex 1*

Placed on the market by **ITALTHERM srl**  
Via S. d'Acquisto, 29010 Pontenure (PC), 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  
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 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](mailto:info@kiwacermet.it)  
[www.kiwa.it](http://www.kiwa.it)  
[www.kiwacermet.it](http://www.kiwacermet.it)

Chief Operating Officer  
Giampiero Belcredi



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



# CERTIFICATE

Number	KIP-15842/E	Replaces	KIP-15100/E
Issued	17-07-2018	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
Report	141201281/3	Page	2 of 3
PIN	0476CQ1281		

## EC TYPE EXAMINATION CERTIFICATE

### ANNEX 1

#### Models:

	Time 18 K, Time Solar 18 K	Time 27 K, Time Max 27 K Time Micro 27 K	Time 35 K, Time Max 35 K, Time Micro 35 K, Time Compact 35 K, Time Solar 35 K
$\eta_{100}$	96,7 %	96,7 %	97,0 %
$\eta_{30}$	107,5 %	107,6 %	107,6 %
$\eta_4$	87,1 %	87,1 %	87,3 %
$\eta_1$	96,8 %	96,9 %	96,9 %
$P_4$	17,1 kW	25,1 kW	32,0 kW
$P_1$	n.t	n.t	n.t
C.Heater?	Yes	Yes	Yes
B <sub>1</sub> Boiler?	No	No	No
Type of boiler:	"Condensing"	"Condensing"	"Condensing"
	Time 18 KR	Time 27 KR	Time 35 KR
$\eta_{100}$	96,7 %	96,7 %	97,0 %
$\eta_{30}$	107,5 %	107,6 %	107,6 %
$\eta_4$	87,1 %	87,1 %	87,3 %
$\eta_1$	96,8 %	96,9 %	96,9 %
$P_4$	17,1 kW	25,1 kW	32,0 kW
$P_1$	n.t	n.t	n.t
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 (\*\*)

$P_4$  = 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 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).

**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](mailto:info@kiwacermet.it)

[www.kiwa.it](http://www.kiwa.it)

[www.kiwacermet.it](http://www.kiwacermet.it)

**GASTEC**



# CERTIFICATE

Number KIP-15842/E Replaces KIP-15100/E  
 Issued 17-07-2018 Scope Directive 92/42/EEC  
 Regulation (EU) No. 813/2013  
 Report 141201281/3 Page 3 of 3  
 PIN 0476CQ1281

## EC TYPE EXAMINATION CERTIFICATE

### ANNEX 1

#### Models:

	TIME POWER 50 K	TIME POWER 50 K (SP)	TIME POWER 70 K	TIME POWER 90 K
$\eta_{100}$	96,1 %	96,0 %	97,1 %	97,3 %
$\eta_{30}$	106,7 %	106,5 %	107,2 %	109,1 %
$\eta_4$	86,5 %	86,4 %	87,4 %	87,6 %
$\eta_1$	96,1 %	95,9 %	96,5 %	98,2 %
$P_4$	46,0 kW	33,5 kW	61,1 kW	82,4 kW
$P_1$	n.t.	n.t.	n.t.	n.t.
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"

	TIME POWER 115 K	TIME POWER 160 K	TIME POWER 160 K (SP)
$\eta_{100}$	97,2 %	97,8 %	97,3 %
$\eta_{30}$	109,1 %	109,3 %	109,1 %
$\eta_4$	87,5 %	88,0 %	88,3 %
$\eta_1$	98,2 %	98,4 %	97,5 %
$P_4$	104,9 kW	144,6 kW	105,3 kW
$P_1$	n.t.	n.t.	n.t.
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 (\*\*)  
 $P_4$  = 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 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).

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](mailto:info@kiwacermet.it)

[www.kiwa.it](http://www.kiwa.it)

[www.kiwacermet.it](http://www.kiwacermet.it)

GASTEC





# CERTIFICATE

Number	KIP-15842/G	Scope	Regulation (EU) 2016/426
Issue date	22-06-2018	Module	B
Expire date	21-06-2028		
PIN	0476CQ1281	Report	141201281/3
Replaces	—	Page	1 of 2

## EU TYPE-EXAMINATION CERTIFICATE

**Kiwa Cermet Italia declares that the products type:**

Central heating condensing boilers

Trade mark: **ITALTHERM**

Models: *as specified in the Annex 1*

Placed on the market by **ITALTHERM s.r.l.**

Via S. d'Acquisto, 29010 Pontenure (PC), Italy

meet the essential requirements as described in the **Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.**

Appliance type: B<sub>23</sub>, B<sub>53</sub>, B<sub>23P</sub>, B<sub>53P</sub>, C<sub>13</sub>, C<sub>33</sub>, C<sub>43</sub>, C<sub>53</sub>, C<sub>63</sub>, C<sub>73</sub>, C<sub>83</sub>, C<sub>93</sub>

Countries: AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MK, MT, NO, NL, PL, PT, RO, SE, SI, SK, TR

Related to the following gas groups: *as specified in the Annex 1*

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. 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.

Chief Operating Officer  
Giampiero Bekcredi



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





# CERTIFICATE

Number	KIP-15842/G	Scope	Regulation (EU) 2016/426
Issue date	22-06-2018	Module	B
Expire date	21-06-2028		
PIN	0476CQ1281	Report	141201281/3
Replaces	—	Page	2 of 2

## EU TYPE-EXAMINATION CERTIFICATE

### ANNEX 1

#### Models:

Time 18 K, Time 27 K, Time 35 K, Time 18 KR, Time 27 KR, Time 35 KR,  
 Time Power 50 K, Time Power 50 K (SP), Time Power 70 K, Time Power 90 K,  
 Time Power 115 K, Time Power 160 K, Time Power 160 K (SP),  
 Time Compact 35 K, Time Solar 18 K, Time Solar 35 K,  
 Time Max 27 K, Time Max 35 K, Time Micro 27 K, Time Micro 35 K

#### Gas groups:

Group	mbar
E	20

Group	mbar
H	20;25

Group	mbar
P	30;37; 50

*The above gas groups can be combined according to the standard EN437:2009 and national situation of countries.*