

Number	KIP-15393/E	Replaces	KIP-15319/E
Issued	27-10-2017	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
Report	2001134/2	Page	1 of 3
PIN	0476CS1134		

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 product

Central heating condensing boilers

Trade mark: **ITALTHERM**
 Models: CITY CLASS 25 K, CITY TOP 25 K,
 CITY CLASS 25 KR, CITY CLASS 30 K,
 CITY TOP 30 K, CITY CLASS 30 KR,
 CITY CLASS 35 K, CITY CLASS 35 KR,
 CITY TOP 35 K

Manufactured by **Italtherm srl**
 Via Salvo D'Acquisto
 29010 - Pontenure (PC), Italia

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*

Chief Operating Officer
 Giampiero Belcredi




Organismo Notificato n. 0476

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GASTEC



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



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EC TYPE EXAMINATION CERTIFICATE

ANNEX 1

Models:

	CITY CLASS 25 K CITY TOP 25 K	CITY CLASS 25 KR	CITY CLASS 30 K CITY TOP 30 K	CITY CLASS 30 KR
η_{100}	96,1 %	96,1 %	96,0 %	96,0 %
η_{30}	106,4 %	106,4 %	106,0 %	106,0 %
η_4	86,5 %	86,5 %	86,5 %	86,5 %
η_1	95,8 %	95,8 %	95,5 %	95,5 %
P_4	19,4 kW	19,4 kW	23,3 kW	23,3 kW
P_1	6,4 kW	6,4 kW	7,7 kW	7,7 kW
C.Heater?	Yes	No ⁽¹⁾	Yes	No ⁽¹⁾
B ₁ Boiler?	No	No	No	No
Type of boiler:	"Condensing"	"Condensing"	"Condensing"	"Condensing"

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

Note:

η_{100} = At rated heat output and high-temperature regime - NCV (*)
 η_{30} = At 30 % of rated heat output and low-temperature regime - NCV (**)
 η_4 = At rated heat output and high-temperature regime - GCV (*)
 η_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 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).

Certificato



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EC TYPE EXAMINATION CERTIFICATE

Models:

	CITY CLASS 35 K CITY TOP 35 K	CITY CLASS 35 KR
η_{100}	96,2 %	96,2 %
η_{30}	106,7 %	106,7 %
η_4	86,6 %	86,6 %
η_1	96,1 %	96,1 %
P_4	27,4 kW	27,4 kW
P_1	9,1 kW	9,1 kW
C.Heater?	Yes	No ⁽¹⁾
B ₁ Boiler?	No	No
Type of boiler:	"Condensing"	"Condensing"

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

Note:

η_{100} = At rated heat output and high-temperature regime - NCV (*)
 η_{30} = At 30 % of rated heat output and low-temperature regime - NCV (**)
 η_4 = At rated heat output and high-temperature regime - GCV (*)
 η_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 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).

Certificato

Number	KIP-15393/G	Replaces	KIP-15319/G
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EC TYPE EXAMINATION CERTIFICATE

Kiwa Cermet Italia hereby declares that the product

Central heating condensing boilers

Trade mark: **ITALTHERM**
 Models: CITY CLASS 25 K, CITY TOP 25 K, CITY CLASS 25 KR, CITY CLASS 30 K, CITY TOP 30 K, CITY CLASS 30 KR, CITY CLASS 35 K, CITY TOP 35 K, CITY CLASS 35 KR,

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meet the essential requirements as described in the
Directive on appliances burning gaseous fuels 2009/142/EC

Mentioned products have been approved for

Appliance type: B₂₃, B_{23P}, B₅₃, B_{53P}, C₁₃, C₃₃, C₄₃, C₅₃, C₆₃, C₈₃, C₉₃

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:

Group	mbar	Group	mbar	Group	mbar
E	20	Esi	20/25	E(R)	20
H	20,25	E(S)	20	M	20
L	25	Er	20/25	P	30; 37; 50

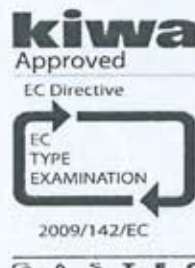
The above gas groups can be combined according to the standard EN437:2009 and national situation of countries.

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

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Certificato