CERTIFICATE

Number	KIP-16069/E	Replaces	---
Issued	05-12-2018	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
Report	2001237/2	Page	1 of 3
PIN	0476CS1237		

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: **BIASI**

Models: M296B.24SM/..., M296B.24SR/..., M296B.24SV/..., M296G.24SM/..., M296G.24SR/..., M296G.24SV/..., M296G.24ST/..., M296B.28SM/..., M296B.28SR/..., M296B.28SV/...

Placed on the market by **B.S.G. Holding S.r.l.**
Viale Resistenza 52Q
54011 Aulla (MS), Italy

Have achieved the following (see Annex 1 and Annex 2) 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

Kiwa Cermet Italia S.p.A.
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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:

	M296B.24SM/…	M296B.28SM/…	M296B.24SR/... M296B.24SV/...
η_{100}	97,8 %	98,0 %	97,8 %
η_{30}	103,2 %	102,8 %	103,2 %
η_4	88,1 %	88,2 %	88,1 %
η_1	92,9 %	92,6 %	92,9 %
P_4	24,5 kW	28,4 kW	24,5 kW
P_1	7,7 kW	8,9 kW	7,7 kW
C.Heater?	Yes	Yes	No [(1)]
B_1 Boiler?	No	No	No
Type of boiler:	"Condensing"	"Condensing"	"Condensing"

[(1)] "SV" boilers can be connected to an external tank for 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)
B_1 Boiler = B_1 according CEN/TR 1749:2014
Type of boiler = "Condensig 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).

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GASTEC

CERTIFICATE

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EC TYPE EXAMINATION CERTIFICATE

ANNEX 2

Models:

	M296B.28SR/... M296B.28SV/...	M296G.24SM/... M296G.24ST/...	M296G.24SR/... M296G.24SV/...
η_{100}	98,0 %	96,3%	96,3%
η_{30}	102,8 %	101,1%	101,1%
η_4	88,2 %	86,7%	86,7%
η_1	92,6 %	91,0%	91,0%
P_4	28,4 kW	24,1	24,1
P_1	8,9 kW	7,6	7,6
C.Heater?	No (1)	Yes	No (1)
B_1 Boiler?	No	No	No
Type of boiler:	"Condensing"	"Condensing"	"Condensing"

(1) "SV" boilers can be connected to an external tank for 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)
B_1 Boiler = B_1 according CEN/TR 1749:2014
Type of boiler = "Condensig 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).

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