



Number	KIP-15900/E	Replaces	KIP-089998/E
Issued	03-08-2018	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
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PIN	0476CQ1097		

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: **COSMOGAS**
 Models: Series MYDENS
as specified in the Annex 1

Placed on the market by **COSMOGAS S.r.l.**
 Via L. Da Vinci 16, 47014 Meldola (FC) 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.
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Organismo Notificato n. 0476



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ANNEX 1

Models:

	MYDENS 15P	MYDENS 24P	MYDENS 34P	
η_{100}	96,53 %	97,31 %	96,81 %	
η_{30}	107,47 %	108,47 %	106,96 %	
η_4	86,9 %	87,6 %	87,2 %	
η_1	96,8 %	97,7 %	96,3 %	
P_4	13,6 kW	24,8 kW	30,9 kW	
P_1	n.t.	n.t.	n.t.	
C.Heater?	Yes	Yes	Yes	
B ₁ Boiler?	No	No	No	
Type of boiler:	"Condensing"	"Condensing"	"Condensing"	

	MYDENS 15C, MYDENS 15B	MYDENS 24C, MYDENS 24B	MYDENS 34C, MYDENS 34B	MYDENS 60A, MYDENS 60C
η_{100}	96,53 %	97,31 %	96,81 %	97,2 %
η_{30}	107,47 %	108,47 %	106,96 %	107,0 %
η_4	86,9 %	87,6 %	87,2 %	87,5 %
η_1	96,8 %	97,7 %	96,3 %	96,4 %
P_4	13,6 kW	24,8 kW	30,9 kW	56,1 kW
P_1	n.t.	n.t.	n.t.	n.t.
C.Heater?	No ⁽¹⁾	No ⁽¹⁾	No ⁽¹⁾	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).

CERTIFICATE

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