

12 - PRODUCT FICHE

Name or brand of the supplier			COSMOGAS	
Supplier's model number			MYDENS	
			60A	60C
Condensing boiler			YES	YES
Low-temperature boiler			NO	NO
B1 boiler			NO	NO
Cogeneration space heater			NO	NO
Combination heater			NO	NO
Equipped with supplementary heater			NO	NO
Energy efficiency class			A	A
Item	Symbol	Unit		
Rated heat output	Pn	kW	56.1	56.1
Seasonal space heating energy efficiency	η_s	%	91	91
Useful output power at rated heat output in high-temperature regime (*)	P4	kW	56.1	56.1
Useful efficiency at rated heat output in high-temperature regime (*)	η_4	%	87.5	87.5
Useful output power at 30% of rated heat output in low-temperature regime (**)	P1	kW	18.6	18.6
Useful efficiency at 30% of rated heat output in low-temperature regime (**)	η_1	%	96.4	96.4

Auxiliary electricity consumption

At full load	elmax	kW	0.14	0.14
At partial load	elmin	kW	0.06	0.06
In standby mode	Psb	kW	0.005	0.005

Other factors

Standby heat loss	Pstby	kW	0.1	0.1
Ignition burner power consumption	Pign	kW	0	0
Annual energy consumption	QHE	GJ	107	107
Sound power level, indoors/outdoors	LWA	dB	64	66
Emissions of nitrogen oxides	NOx	mg/kWh	28	28

Domestic hot water parameters

Declared load profile			N/A	N/A
DHW production efficiency	η_{wh}	%	N/A	N/A
Daily consumption of electrical energy	Qelec	kWh	N/A	N/A
Annual consumption of electrical energy	AEC	kWh	N/A	N/A
Daily consumption of fuel	Qfuel	kWh	N/A	N/A
Annual consumption of fuel	AFC	GJ	N/A	N/A

According to Regulations (EU) no. 811/2013 and no. 813/2013.

N/A = Not applicable.

(*) High-temperature regime means 60°C return temperature and 80°C delivery temperature.

(**) Low-temperature regime for condensing boilers means 30°C, for low-temperature boilers, 37°C, and for other appliances, 50°C return temperature