

12 - ErP PRODUCT SHEET

Name or brand of the supplier			ADVECO	
Supplier's model number			MYDENS	
			15 B	15 C
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	P _n	kW	13.6	13.6
Seasonal space heating energy efficiency	η _s	%	91.6	91.6
Useful output power at rated heat output in high-temperature regime (*)	P ₄	kW	13.6	13.6
Useful efficiency at rated heat output in high-temperature regime (*)	η ₄	%	86.9	86.9
Useful output power at 30% of rated heat output in low-temperature regime (**)	P ₁	kW	4.5	4.5
Useful efficiency at 30% of rated heat output in low-temperature regime (**)	η ₁	%	96.8	96.8

Auxiliary electricity consumption

At full load	el _{max}	kW	0.07	0.07
At partial load	el _{min}	kW	0.03	0.03
In standby mode	P _{sb}	kW	0.005	0.005

Other factors

Standby heat loss	P _{stby}	kW	0.1	0.1
Ignition burner power consumption	P _{ign}	kW	0	0
Annual energy consumption	Q _{HE}	GJ	26	26
Sound power level, indoors/outdoors	L _{WA}	dB	49	49
Emissions of nitrogen oxides	NO _x	mg/kWh	25	25

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	Q _{elec}	kWh	N/A	N/A
Annual consumption of electrical energy	AEC	kWh	N/A	N/A
Daily consumption of fuel	Q _{fuel}	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 supply temperature.

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

ADVECO					
MYDENS					
24 B	24 C	24 P	34 B	34 C	34 P
YES	YES	YES	YES	YES	YES
NO	NO	NO	NO	NO	NO
NO	NO	NO	NO	NO	NO
NO	NO	NO	NO	NO	NO
NO	NO	YES	NO	NO	YES
NO	NO	NO	NO	NO	NO
A	A	A	A	A	A

24.8	24.8	24.8	30.9	30.9	30.9
92.5	92.5	92.5	91.2	91.2	91.2
24.8	24.8	24.8	30.9	30.9	30.9
87.6	87.6	87.6	87.2	87.2	87.2
8.3	8.3	8.3	10.4	10.4	10.4
97.7	97.7	97.7	96.3	96.3	96.3

0.07	0.07	0.07	0.07	0.07	0.07
0.03	0.03	0.03	0.03	0.03	0.03
0.005	0.005	0.005	0.005	0.005	0.005

0.1	0.1	0.1	0.1	0.1	0.1
0	0	0	0	0	0
43	43	43	57	57	57
51	51	51	52	52	52
31	31	31	24	24	24

N/A	N/A	XL	N/A	N/A	XXL
N/A	N/A	85.6	N/A	N/A	87.0
N/A	N/A	0.165	N/A	N/A	0.179
N/A	N/A	36	N/A	N/A	39
N/A	N/A	21.865	N/A	N/A	27.710
N/A	N/A	17	N/A	N/A	22