

Model/s:				SUF 35			
Condensing Boiler/s:				Yes			
Low Temperature (**) Boiler/s:				No			
B11 Boiler/s:				No			
Cogeneration Space Heater:				No		Equipped with a supplementary heating system:	
Combination Heater:				Yes		No	
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Nominal heat output	P_{rated}	32,1	kW	Seasonal space heating energy efficiency	η_s	91,0	%
				Energy efficiency class		A	
<i>For boiler space heaters and boiler combination heaters: Useful heat output</i>				<i>For boiler space heaters and boiler combination heaters: Useful efficiency</i>			
At nominal heat output and high-temperature regime (*)	P_4	32,1	kW	At nominal heat output and high-temperature regime (*)	η_4	87,6	%
At 30% of nominal heat output and low-temperature regime (**)	P_1	10,7	kW	At 30% of nominal heat output and low-temperature regime (**)	η_1	97,0	%
<i>Auxiliary electricity consumption</i>				<i>Other items</i>			
At full load	$e_{l,max}$	0,117	kW	Standby heat losses	P_{stby}	0,059	kW
At part load	$e_{l,min}$	0,067	kW	Ignition burner energy consumption	P_{ign}	0,000	kW
In standby mode	P_{SB}	0,004	kW	Annual energy consumption	Q_{HE}	63	GJ
				Sound power level, indoors	L_{WA}	57	dB
				Emissions of nitrogen oxides	NO_x	43,181	mg/kWh
For boiler combination heaters:							
Declared load profile:	XL			Domestic hot water production efficiency	η_{WH}	85,2	%
				Energy efficiency class		A	
Daily electrical power consumption	0	0,189	kWh	Daily gas consumption	Q_{fuel}	22,770	kWh
Annual electricity consumption	AEC	41,631	kWh	Annual fuel consumption	AFC	18,034	GJ
Contact information	ALARKO CARRIER SAN. TİC. A.Ş., GOSB - Gebze O.S.B., Şahabettin Bilgisu Cad., 41400, Gebze/Kocaeli/Turkey						
(*) High temperature regime means 60 °C on return and 80 °C on flow.							
(**) Low temperature regime means 30 °C for condensing boilers, 37 °C for low-temperature boilers and 50 °C for for other appliances on return temperature.							