

PRODUCT INFORMATION

Information requirements for boiler space heaters, boiler combination heaters and cogeneration space heaters
(COMMISSION DELEGATED REGULATIONS No. 811-814/2013)

Model(s):	C38GC35-CH1V1, CONDENS 100 CH1 35		
Condensing boiler [yes/no]:	yes		
Low-temperature (**) boiler [yes/no]:	yes		
B1 boiler [yes/no]:	no		
Cogeneration space heater [yes/no]:	no	If yes, equipped with a supplementary heater: [yes/no]: no	
Combination heater [yes/no]: yes			

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output	P_{rated}	35	kW	Seasonal space heating energy efficiency	η_s	91	%
For boiler space heaters and boiler combination heaters: Useful heat output				For boiler space heaters and boiler combination heaters: Useful efficiency			
At rated heat output and high-temperature regime (*)	P_4	35,0	kW	At rated heat output and high-temperature regime (*)	η_4	87	%
At 30 % of rated heat output and low-temperature regime (**)	P_1	6	kW	At 30 % of rated heat output and low-temperature regime (**)	η_1	95	%
Auxiliary electricity consumption				Other items			
At full load	e_{lmax}	0,088	kW	Standby heat loss	P_{stby}	0,4	kW
At part load	e_{lmin}	0,076	kW	Ignition burner power consumption	P_{ign}	0,0	kW
In standby mode	P_{sb}	0,004	kW	Emissions of nitrogen oxides	NO_x	14	mg/kWh
				Noise level	LWA	48	dB

For combination heaters:			
Declared load profile	XL		
Daily electricity consumption	Q_{elec}	0,1251	kWh
Annual electricity consumption	AEC	45,66	kWh
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(*) 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).			

Seasonal space heating energy efficiency class:

A

KÖBER Ltd Vaduri Branch, 23.06.2021

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