VITODENS 200-W

B2HH-11, B2HH-19, B2HH-25, B2HH-32

The product data specified meets the requirements of EU Regulations 811/2013 and 813/2013.

Product data	Symbol	Unit	B2HH-11	B2HH-19	B2HH-25	B2HH-32
Seasonal space heating energy efficiency			A	A	A	A
Rated heat output	P_{rated}	kW	10	18	23	29
Seasonal space heating energy efficiency	η_s	%	92	93	94	94
Annual energy consumption	Q_{HE}	kWh	5144	8298	10558	13255
sound power level indoors	L_{WA}	dB	36	42	46	48

For all special precautions to be taken during assembly, installation or maintenance of the space heater, see the service and installation instructions.

Model	Symbol	Unit	B2HH-11	B2HH-19	B2HH-25	B2HH-32
Condensing boiler			yes	yes	yes	yes
Low-temperature boiler			no	no	no	no
B1 boiler			no	no	no	no
Cogeneration space heater			no			
Combination heater			no			

Rated heat output	Symbol	Unit	B2HH-11	B2HH-19	B2HH-25	B2HH-32
Useful heat output at rated heat output and high-temperature regime	P_4	kW	10,1	17,5	23	29,3
Useful heat output at 30 % of rated heat output and low-temperature regime	P_1	kW	3,4	5,8	7,7	9,8

Seasonal space heating energy efficiency	Symbol	Unit	B2HH-11	B2HH-19	B2HH-25	B2HH-32
Useful efficiency at rated heat output and high-temperature regime	η_4	%	87,7	88,2	88,7	88,4
Useful efficiency at 30 % of rated heat output and low-temperature regime	η_1	%	97,8	97,9	98,8	98,6

Auxiliary electricity consumpt	Symbol	Unit	B2HH-11	B2HH-19	B2HH-25	B2HH-32
Auxiliary electricity consumption at full load	el_{max}	kW	0,016	0,017	0,019	0,021
Auxiliary electricity consumption at part load	el_{min}	kW	0,015	0,015	0,016	0,016
Auxiliary electricity consumption in standby mode	P_{SB}	kW	0,0047	0,0047	0,0047	0,0047

Other details	Symbol	Unit	B2HH-11	B2HH-19	B2HH-25	B2HH-32
Standby heat loss	P_{stby}	kW	0,0525	0,0525	0,0525	0,0525
ignition burner power consumption	P_{ign}	kW	-	-	-	-
Emissions of nitrogen oxides	NO_x	mg/kWh	16	20	22	24

Product fiche Energy efficiency category temperature controller

The product data specified meets the requirements of EU Regulations 811/2013.

Criterion	Energy efficiency category, temperature controller	Contribution, central heating energy efficiency
• Room thermostat which switches the heat source on/off	1	1 %
• Weather-compensated control • Modulating heat source	2	2 %
• Weather-compensated control • Non-modulating heat source	3	1,5 %
• Room thermostat with TPI (Time Proportional Integral) properties • Non-modulating heat source	4	2 %
• Modulating room thermostat • Modulating heat source	5	3 %
• Weather compensation, control unit • Modulating heat source • Room temperature sensor in conjunction with room hook-up	6	4 %
• Weather compensation, control unit • Non-modulating heat source • Room temperature sensor in conjunction with room hook-up	7	3,5 %
• Individual room control with min. 3 room temperature sensors • Modulating heat source	8	5 %