

Technical Data

TECHNICAL DATA	UNIT	OTTIMO 120		OTTIMO 135		OTTIMO 150		OTTIMO 165	
Gas Line		NATURAL GAS		NATURAL GAS		NATURAL GAS		NATURAL GAS	
Type of Gas		G20		G20		G20		G20	
Gas Supply Pressure	mbar	20		20		20		20	
Maximum Gas Consumption (NG)	m ³ /h	11.63		12.34		14.46		14.86	
Minimum Gas Consumption (NG)	m ³ /h	1.73		1.73		2.07		2.07	
Modulation Range		1/7							
Heat Exchanger Material		Stainless Steel Exchanger							
Efficiency		G20		G20		G20		G20	
(80/60 °C) Efficiency at Maximum Heat Output	%	97.11		97.02		97.01		97.13	
(50/30 °C) Efficiency at Maximum Heat Output	%	105.18		105.29		105.43		105.55	
Seasonal Heating Energy Efficiency	%	Class A							
Radiator Circuit		G20		G20		G20		G20	
Rated Heat Load (Qn) (Max./Min.)	kW	119.0/17		128.3/17.0		142.5/21.3		155.0 / 21,3	
Maximum Heat Power (Pn) (80/60 °C)	kW	115.5		124.4		138.2		150.5	
Minimum Heat Power (Pn) (80/60 °C)	kW	16.5		16.5		20.7		20.7	
Maximum Heat Power (Pn) (50/30 °C)	kW	119.0		135.0		150.2		163.6	
Minimum Heat Power (Pn) (50/30 °C)	kW	17.0		18.1		22.8		22.8	
Temperature Setting Range for High Temperature Circuit (Minimum / Maximum)	°C	25÷80							
Temperature Setting Range for Low Temperature Circuit (Minimum / Maximum)	°C	25÷47							
Operating Pressure (Maximum)	bar	6							
Operating Pressure (Minimum)	bar	0.8							
Domestic Hot Water Circuit									
Temperature Setting Range (min/max)	°C	20/65							
Electric Circuit									
Power Feed	V AC-50 Hz	230 V + %10; -%15							
Exhaust Gas Circuit		G20		G20		G20		G20	
Exhaust Gas Temperature (Max. / Min.) (80/60 °C)	°C	78.8/58.8		81.4/58.8		80.0/54.8		81.3 / 54.8	
Exhaust Gas Temperature (Max. / Min.) (50/30 °C)	°C	54.4/34.9		56.2/34.9		55.5/32.5		56.0 / 32.5	
CO2 (Max. / Min.) (80/60 °C)	%	9.1/8.7		9.1/8.7		9.1/8.7		9.1/8.7	
NOx	Class	6							
NOx Weight (GCV)	mg/kWh	40.00/21.0		43.0/22.0		46.0/26.0		47.0/25.0	
General									
Dimensions (Height x Weight x Depth)	mm	802 x 546 x 706		802 x 546 x 706		802 x 546 x 706		802 x 546 x 706	
Net Weight	kg	97		97		101,5		101,5	
Flue Connection Types		B ₂₃ • B _{23P} • C ₁₃ • C ₃₃ • C ₄₃ • C ₅₃ • C ₆₃ • C ₈₃ • C ₉₃							
Category		I _{2H} / I _{2E} (G20=20 mbar)							

All information given in the brochure has been obtained as a result of the conducted tests. Data are subject to change without prior notice.

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