

# ProCon HT 150kW & 225kW Gas Condensing Range.

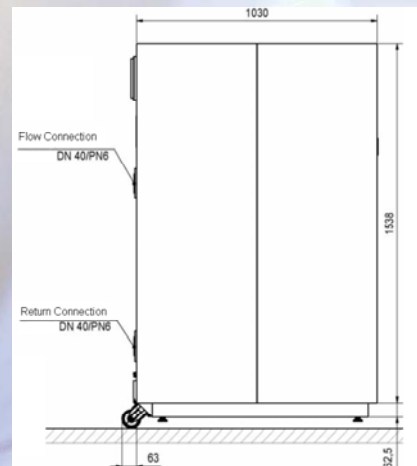
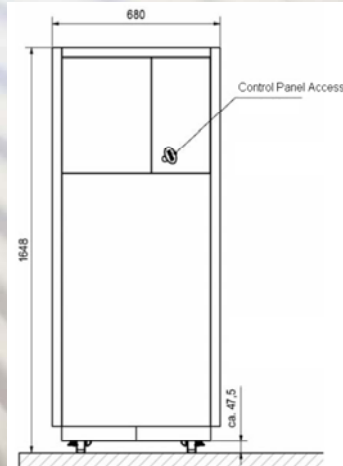
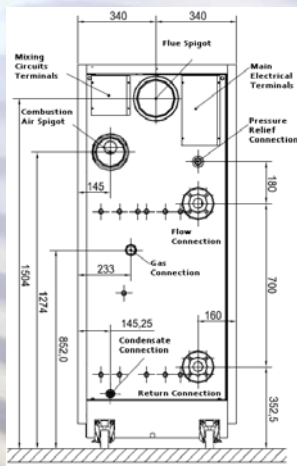


- Floor-standing gas-condensing boiler in output ranges of 15 kW to 150 kW or 15 kW to 225 kW. Cascadable up to 1,125kW, with integral controls.
- Extremely high energy efficiency with fuel engineering-related efficiency of up to 109.5 per cent.
- Additional energy savings thanks to an extremely wide modulation range of 1:10 or 1:15, with flexible output adjustment to suit heating requirements.
- Extremely low emissions through the use of the modulating, low maintenance ECONOX pre-mix radiant burner.
- High-performance heat exchangers made from stainless steel guarantee excellent reliability and a long service life.
- Room sealed operation as standard.
- Two or three boilers built into a single unit. High-performance heat exchangers function independently of one other and can be serviced individually, without having to interrupt the heating; extremely high reliability.
- Simple, time-saving and cost-saving installation thanks to the integrated header options.
- Extremely easy to manoeuvre thanks to its compact design, wheels on the rear side of the boiler and supplied transport aid.
- Easy to install, even in the smallest boiler rooms: only takes up about 1 square meter of floor space; also suitable for installation in boiler rooms with low ceilings thanks to its low height.
- Simple, uncomplicated design and easy access to all components makes assembly and servicing easier.
- Also available now with integral system separation plate heat exchanger. Maximum working pressure up to 10 Bar.

MHG Heating Ltd Unit 4 Epsom Downs Metro Centre, Waterfield, Tadworth, Surrey. KT20 5LR  
Phone 08456 448802 Fax 08456 448803 Email [info@mhgheating.co.uk](mailto:info@mhgheating.co.uk) web [www.mhgheating.co.uk](http://www.mhgheating.co.uk)

# ProCon HT 150 & 225 Gas Condensing Range.

Technical Data		Units	HT 150	HT 225
Nominal Heat Input Net	Min/Max	kW	15.0/149.2	15.0/216.0
Operating Efficiency (40°C/30°C)		%	109.5	109.5
Nominal Heat Output (50°C/30°C)	Min/Max	kW	16.0/155.0	16.0/225.0
Design Flow Rate (50°C/30°C)		Ltr/sec	1.8	2.66
Nominal Heat Output (80°C/60°C)	Min/Max	kW	14.5/143.5	14.5/206.0
Design Flow Rate (80°C/60°C)		Ltr/sec	1.7	2.45
Residual Head from In-built Pumps Cascade Master/Cascade Slave		kPa	15	15
Maximum Input Gas Rate	G20	m <sup>3</sup> /hr	15	21.7
	G31	m <sup>3</sup> /hr	5.77	8.35
Gas Inlet Pressure	Min/Max	Mbar	18.0/50.0	18.0/50.0
Maximum Flue Gas Mass (Hot)	G20	Kg/hr	250.9	363.6
Maximum Flue Gas Mass (Hot)	G31	Kg/hr	231.4	335.1
Residual Fan Pressure		Pa	200	200
Maximum Water Pressure	(Hot)	bar	3.0	3.0
Minimum Water Pressure	(Cold)	bar	1.0	1.0
Maximum Flow Temperature		°C	90	90
Power Supply (230 V / 50 Hz)		Amps	7	7
Max Power Consumption		Watts	690	800
Water Content		Ltrs	30	35
Lift Weight (Dry)		kg	250	270
Lift Weight (Wet)		kg	280	305
NOx Emission @0% O <sub>2</sub>		Mg/kWh	26.7 (Class 5)	26.7 (Class 5)
Heating Primary Flow		PN6	DN40	DN40
Heating Primary Return		PN6	DN40	DN40
Gas Inlet		BSP	1.25"	1.25"
Flue Spigot		mm	DN160	DN160
Combustion Air Spigot		mm	DN125	DN125
Condensate Outlet		Plastic	20mm	20mm



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