



POWER HT
85 TO 150 KILOWATTS

BAXI

FLOOR STANDING CONDENSING BOILER

POWER HT 85 - 150kW

The BAXI POWER HT range is suitable for indoor and outdoor installation and is available in 4 models 85, 100, 120 and 150 kW. Thanks to the sophisticated electronics, this condensing range is ideal for single unit installations and cascade systems of up to 16 boilers in series.

FEATURES

- **85, 100, 120, 150 kW** floor standing indoor/outdoor condensing boilers.
- **Stainless steel** heat exchanger.
- **Approved** for Natural gas and Propane.
- **Efficiency @ 50 deg. C.** 96%
- **Efficiency @ 80 deg. C.** 90%
- **Full cascade pipe kits** and hydraulic separators available.
- **Modulating fan** for ensuring the maximum efficiency and the constant air/gas ratio for the whole range of outputs.
- **Baxi** by Siemens remote controller and outdoor probe option for outdoor compensation
- **Text display**, digital boiler programming, setting and control/double CPU microprocessor for performance optimization.
- **System to prevent pump sticking** operating every 24 hours.
- **Anti-frost** device.
- **Mixed system control** (high and low temperature) and cascade installation option.
- **Connection** available for indirect DHW cylinder.
- **Electrical connection** for heating and DHW pump.

ADVANTAGES

- Output range from 85 to 150kW
- Premixing burner
- Stainless steel heat exchanger
- Used in low temperature systems, condensing boilers typically facilitate a reduction of 30% in gas expenditure.
- Their ability to significantly reduce noxious waste (up to 80% of NO_x and 90% of CO) also makes condensing boilers environmentally friendly.
- Mounting plinth included.
- 1 year warranty from date of commissioning, parts and labour.
- 5 year heat exchanger warranty.
- Full cascade pipe kits and hydraulic separators available.

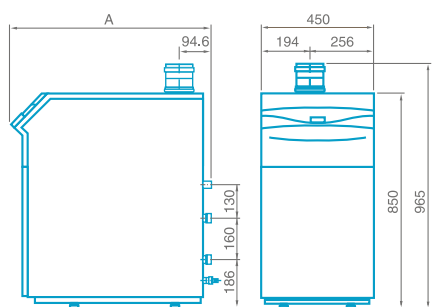
APPLICATIONS

- Hospitals
- Commercial buildings
- Government buildings
- All mechanical heating applications

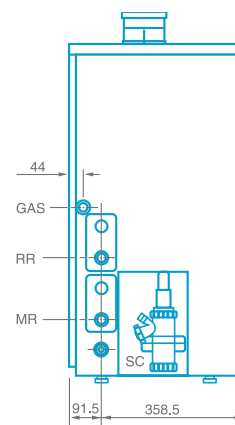
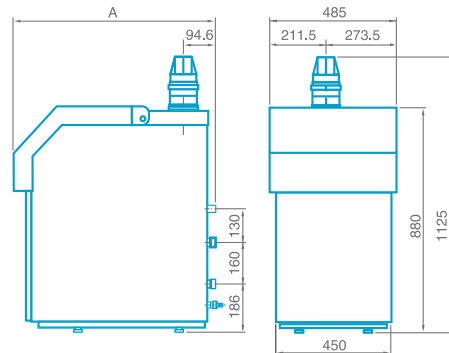
POWER HT SERIES

● Power HT 1.850, 1.1000, 1.1200, 1.1500 Indoor

● Power HT 1.850, 1.1000, 1.1200, 1.1500 Outdoor



A - See table below



MR: heating flow
RR: heating return
GAS: gas inlet to boiler
SC: condensate drain

DIMENSIONS -POWER HT INDOOR

DIMENSIONS -POWER HT OUTDOOR

CONNECTIONS

BOILER MODEL		HTT 1.850 INDOOR/OUTDOOR	HTT 1.1000 INDOOR/OUTDOOR	HTT 1.1200 INDOOR/OUTDOOR	HTT 1.1500 INDOOR/OUTDOOR
POWER HT TECHNICAL DATA					
Rated heat output 80 deg C	kW	85	100	120	150
Rated heat output 50 deg C	kW	89.3	105	126	157.8
Reduced heat output	kW	32.2	35.8	39	40.4
Nominal gas consumption	MJ/h	350	367	444	554
Central heating system max	kPa	300	300	300	300
Heating circuit Temperature range	deg C	25-80	25-80	25-80	25-80
Flue connection	mm	100	100	100	100
Max flue temperature	deg C	80	80	80	80
Type of Gas used	-	NG / Propane	NG / Propane	NG / Propane	NG / Propane
Gas pressure	kPa	1.13 / 2.75	1.13 / 2.75	1.13 / 2.75	1.13 / 2.75
Power supply voltage/frequency	-	240V AC / 50 Hz	240V AC / 50 Hz	240V AC / 50 Hz	240V AC / 50 Hz
Power consumption	watts	100	160	135	235
Net weight indoor/outdoor	kg	75/80	83/88	95/100	103/108
Dimensions indoor	Height mm	850	850	850	850
	Width mm	450	450	450	450
	Depth mm (A)	777	847	1000	1108
Dimensions outdoor	Height mm	1125	1125	1125	1125
	Width mm	485	485	485	485
	Depth	780	850	1005	1110
Gas Inlet -(GAS)	Inches BSP	3/4"	1"	1"	1"
Heating flow - (MR)	Inches BSP	1"	1 1/4"	1 1/4"	1 1/4"
Heating return - (RR)	Inches BSP	1"	1 1/4"	1 1/4"	1 1/4"
Efficiency @ 50 deg C	%	96	96	96	96
Efficiency @ 80 deg C	%	90	90	90	90

Australian family owned Company since 1932 Sold in over 30 countries around the world

Due to our constant endeavour for improvement, we reserve the right to change product specification without notice.



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