

## IMAX XTRA BOILER

MANUFACTURED BY:



The Imax Xtra floor standing range of commercial condensing boilers are offered in 6 models with outputs from 80 to 280 kW, suitable for individual and cascade installations.

### Features & benefits:

- Robust cast aluminium silicon alloy heat exchanger
- In-built commissioning and fault diagnostics
- Compact size - small footprint
- 1:5 Modulation
- Internal / External Installation
- 97.1% minimum efficiency
- 5 year warranty\*
- 10 year heat exchanger warranty\*

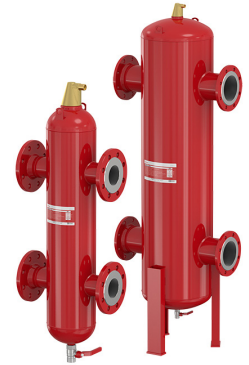


### MEASUREMENTS

Imax Xtra 80 kw, 120 kw & 160 kw - 1150 x 600 x 796 (H x W x D) mm  
Imax Xtra 200 kw, 240 kw, 280 kw - 1150 x 600 x 1048 (H x W x D) mm



### HYDRAULIC SEPARATOR



### EXPANSION TANK & PUMP



### SHOWROOM

11 Fiveways Boulevard  
Keysborough  
VIC 3173

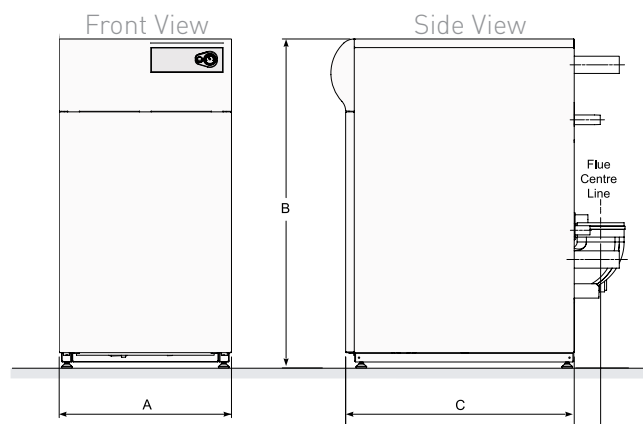
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TECHNICAL DATA		Measurement	IMAX XTRA 80 kW	IMAX XTRA 120 kW	IMAX XTRA 160 kW	IMAX XTRA 200 kW	IMAX XTRA 240 kW	IMAX XTRA 280 kW
<b>PERFORMANCE DATA</b>								
Boiler Output Mean 70°C (80/60)	Max	kW	78.6	118	157.3	196.6	235.9	275.2
	Min	kW	23.3	23.3	29.1	43.1	47.0	51.0
Boiler Output Mean 40°C (50/30)	Max	kW	82.2	123.4	164.5	207.8	249.4	290.9
	Min	kW	25.8	25.8	32.3	47.3	51.6	55.9
Boiler Input Max Rate	Net	kW	80	120	160	200	240	280
Boiler Input Min Rate	Net	kW	24	24	30	44	48	52
Gas Consumption	Max rate	m <sup>3</sup> /h	299.7	447.7	595.7	743.7	895.4	1043
Approx. flue gas volume (@80°C)	Max rate i.e. non-condensing	m <sup>3</sup> /hr	121	182	242	302	363	423
Max. Flue Resistance		Pa	100			150		
Flue Gas CO <sub>2</sub>	Max rate	%	9.3 / 9.8					
	Min rate	%	9.1 / 9.6					
NO <sub>x</sub> with O <sub>2</sub> = 0%	Weighted	mg/kWh	26	26	35	26	26	26
		ppm	15	15	20	15	15	15
Boiler Efficiency Full Load 80/60°C			98.3	98.3	98.3	98.3	98.3	98.3
Boiler Efficiency Part Load 50/30°C			108.2	108.2	108.2	108.2	108.2	108.2
Boiler Efficiency Full Load 50/30°C			107.5	107.5	107.7	107.5	107.5	107.5
Flow Temperature	Max	°C	90					
	Min	°C	20					
Modulation Range			1:5					
<b>GENERAL DATA</b>								
Certification			Type A			Type B		
Gas Supply		kPa	1.13 min					
Gas Supply Connection		BSP	1" M					
Flow Connection		BSP	2" M					
Return Connection		BSP	2" M					
Hydraulic Resistance Δ 20°C		kPa	8.0	8.5	9.0	9.5	10.0	10.5
Max Pressure (sealed system)		kPa	600					
Boiler Electricity Supply			1 - Phase 230V - 50Hz					
Boiler Fuse Rating			External: 3A* Internal: 2AT, 4AT		External: 5A* Internal: 2AT, 4AT			
Power Consumption (boiler only)		W	250			400		
Air inlet (optional)		O/D mm	110					
Flue Size diameter		mm	150			200		
Condensate drain		In	3/4"					
Empty boiler weight (unpacked)		Kg	132	150	168	198	215	233
Water Content		l	11.0	14.3	17.5	18.4	24.0	27.2

\* Electricity supply and fuse rating for pumps etc. refer to manufacturer's instructions.



### DIMENSIONS

	A	B	C
IMAX XTRA 80 kW	600 mm	1150 mm	796 mm
IMAX XTRA 120 kW	600 mm	1150 mm	796 mm
IMAX XTRA 160 kW	600 mm	1150 mm	796 mm
IMAX XTRA 200 kW	600 mm	1150 mm	1048 mm
IMAX XTRA 240 kW	600 mm	1150 mm	1048 mm
IMAX XTRA 280 kW	600 mm	1150 mm	1048 mm