

IMAX XTRA EL BOILER

MANUFACTURED BY:



The Imax Xtra EL floor standing range of commercial condensing boilers are available in 5 models with outputs from 320 to 620 kW, suitable for individual and cascade installations.

Features & benefits:

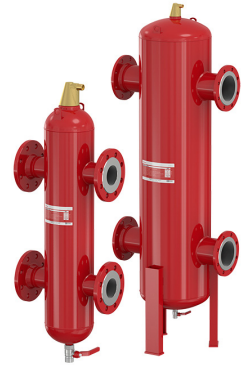
- Robust cast aluminium silicon alloy heat exchanger
- Simple control interface with large backlit display
- 1:5 Modulation
- 97.9% minimum efficiency
- Internal / External Installation
- 5 years heat exchanger warranty



MEASUREMENTS

Height - 1485 mm
Width - 835 mm
Depth - 1685 mm

HYDRAULIC SEPARATOR



EXPANSION TANK & PUMP



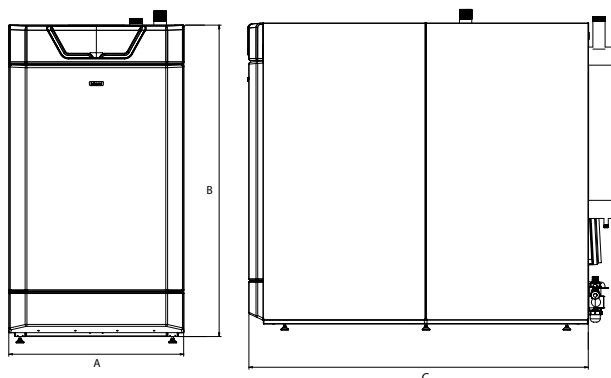
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TECHNICAL DATA			IMAX XTRA EL 320 kW	IMAX XTRA EL 395 kW	IMAX XTRA EL 470 kW	IMAX XTRA EL 545 kW	IMAX XTRA EL 620 kW
PERFORMANCE DATA							
Boiler Output Mean 70°C	Max	kW	298.4	368.3	438.6	508.6	578.2
	Min	kW	58.9	72.6	85.2	100.7	114.9
Boiler Output Mean 40°C	Max	kW	323.1	399.6	475.8	552.7	628.9
	Min	kW	66.7	80.5	95.6	113.0	127.6
Boiler Input Max Rate	Net	kW	304.8	376.2	447.6	519.0	590.0
Boiler Input Min Rate	Net	kW	61.0	75.2	89.5	103.8	118.0
Gas Consumption	Max rate	m ³ /h	1191	1473	1754	2031	2301
Approx. flue gas volume (@80°C)	Max	m ³ /hr	472.6	583.3	694.0	804.7	914.8
	Min	m ³ /hr	95.2	117.4	139.6	162.0	184.2
Approx. flue gas temps 50/30°C	Max	°C	43				
	Min	°C	31				
Approx. flue gas emps 80/60°C	Max	°C	63				
	Min	°C	50				
Max. Flue Resistance		Pa	100				
Flue Gas CO ₂	Max rate	%	9.5				
	Min rate	%	9.0				
Flue temperature	Max	°C	100				
NO _x with O ₂ = 0%	Weighted	mg/kWh	39.1	38.6	35.8	38.7	38.0
		Class	6				
Boiler Efficiency Full Load 80/60°C		%	97.9	97.9	98.0	98.0	98.0
Boiler Efficiency Part Load		%	109.7	109.7	109.8	109.8	109.8
Boiler Efficiency Full Load 50/30°C		%	106	106.2	106.3	106.5	106.6
Flow temperature	Max	°C	90				
Modulation			1:5				
GENERAL DATA							
Gas Supply		kPa	1.13				
Gas Supply Connection		BSP	2" M				
Flow Connection		F	DN80 - PN6*				
Return Connection		F	DN80 - PN6*				
Hydraulic Resistance Δ 20°C		kPa	9.8	9.6	9.4	9.3	9.2
Max System Pressure		kPa	600				
Boiler Electricity Supply			1 - Phase 230v - 50Hz				
Boiler Fuse Rating		A	7				
Power Consumption (boiler only)		W	610	592	670	625	770
Air inlet		O/D mm	200				
Flue Size diameter		mm	250				
Condensate drain		In	3/4"				
Empty boiler weight (unpacked)		kg	417	451	479	507	528
Water Content		l	47.3	53.3	59.3	65.3	75.3

* Optional headers not fitted

Front View

Side View



DIMENSIONS

	IMAX XTRA EL 320 kW	IMAX XTRA EL 395 kW	IMAX XTRA EL 470 kW	IMAX XTRA EL 545 kW	IMAX XTRA EL 620 kW
A	835 mm				
B	1485 mm				
C	1685 mm				