

## IMAX XTRA EL DUAL BOILER

MANUFACTURED BY:



The Imax Xtra EL floor standing range of commercial condensing boilers are available in 5 models with outputs from 715 to 1240 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



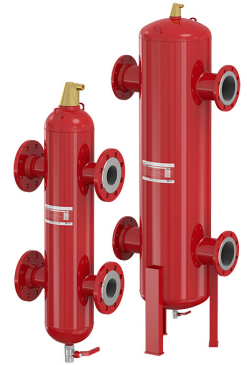
**2 YEAR\***  
**WARRANTY**



### MEASUREMENTS

Height - 1485 mm  
Width - 1674 mm  
Depth - 1685 mm

### HYDRAULIC SEPARATOR



### EXPANSION TANK & PUMP



Supplied by:



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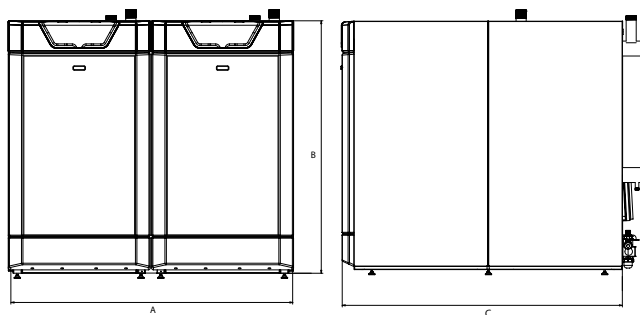
[www.belmoreair.com.au](http://www.belmoreair.com.au)

TECHNICAL DATA			IMAX XTRA EL 715 kW	IMAX XTRA EL 790 kW	IMAX XTRA EL 940 kW	IMAX XTRA EL 1090 kW	IMAX XTRA EL 1240 kW
<b>PERFORMANCE DATA</b>							
Boiler Output Mean 70°C	Max	kW	666.7	736.6	877.2	1017.2	1156.4
	Min	kW	131.5	145.2	170.4	201.4	229.8
Boiler Output Mean 40°C	Max	kW	722.6	799.0	951.6	1105.4	1257.8
	Min	kW	147.2	161.0	191.2	226.0	255.2
Boiler Input Max Rate	Net	kW	681.0	752.4	895.2	1038.0	1180.0
	Gross	kW	755.8	835.0	993.6	1152.0	1309.6
Boiler Input Min Rate	Net	kW	136.2	150.4	179.0	207.6	236.0
	Gross	kW	151.2	167.0	198.6	230.4	262.0
Gas Consumption	Max rate	m <sup>3</sup> /h	2664	2945	3508	4063	4603
Approx. flue gas volume (@80°C)	Max	m <sup>3</sup> /hr	1055.9	1166.6	1388.0	1609.4	1829.6
	Min	m <sup>3</sup> /hr	212.6	234.8	279.2	324.0	368.4
Approx. flue gas temps 50/30°C	Max	°C	43				
	Min	°C	31				
Approx. flue gas temps 80/60°C	Max	°C	63				
	Min	°C	50				
Max. Flue Resistance		Pa	100				
Flue Gas CO <sub>2</sub>	Max rate	%	9.5				
	Min rate	%	9.0				
Flue temperature	Max	°C	100				
NO <sub>x</sub> with O <sub>2</sub> = 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		%	106.1	106.2	106.3	106.5	106.6
Operating Temperature	Max	°C	90				
Modulation			1:5				
<b>GENERAL DATA</b>							
Gas Supply		kPa	1.13 min				
Gas Supply Connection		BSP	2" M X 2				
Flow Connection		F	DN80 - PN6*				
Return Connection		F	DN80 - PN6*				
Hydraulic Resistance Δ 20°C		kPa	10.3	10	9.9	9.8	9.7
Max System Pressure		kPa	600				
Boiler Electricity Supply			1-Phase 230v - 50Hz				
Boiler Fuse Rating		A	7 X 2				
Power Consumption (boiler only)		W	1202	1184	1340	1250	1540
Air inlet		O/D mm	200 X 2*				
Flue Size diameter		mm	300			350	
Condensate drain		ln	3/4" X 2				
Empty boiler weight (unpacked)		kg	918	952	1008	1066	1106
Water Content		l	94.6	106.6	118.6	130.6	150.6

\* Optional headers not fitted

Front View

Side View



### DIMENSIONS

	IMAX XTRA EL 715 kW	IMAX XTRA EL 790 kW	IMAX XTRA EL 940 kW	IMAX XTRA EL 1090 kW	IMAX XTRA EL 1240 kW
A	1674 mm				
B	1485 mm				
C	1685 mm				

### CLEARANCES

TOP	FRONT	LEFT SIDE	RIGHT SIDE	REAR
700 mm	700 mm	700 mm	700 mm	1000 mm

