

100 kW Packaged Boiler

The Cross Hire packaged boiler system provides a fast efficient solution to a wide range of applications that require hot water. Cross Hire packaged boilers are housed in vandal proof sound and thermally insulated steel containers, delivering up to 100 kW per unit from oil fired burners.

The Cross Hire packaged boilers are equipped with lifting lugs positive fork-lift truck pockets for ease of on site location, with fast coupling technology on all essential connections ensuring fast trouble free installation.

The Cross Hire packaged boilers can be used in conjunction with our comprehensive range of thermostatically controlled fan coils or air handling units, we supply flexible warm air delivery solutions for many varied applications and locations, including offices, marquees, factories, public buildings etc.



SPECIFICATIONS	
	100 kW Packaged Boiler
Duty (kW/btu)	100 kW 341,200 btu
Power Supply (Volt / Amps)	240 V 1 ph N+E 50 Hz Run 8 Amps
Noise Level dba Av.	45 dBA @ 10 metres
Weight	980 kg
Dimensions (W x L x H)	1,310 x 2,030 x 1,780 mm
Fuel Type	Gas Oil
Fuel Consumption	12.5 lt/hr

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FUNCTION	GENERAL	HEATING	DHW
Boiler		Yes	Yes
Nominal Output		40/104 kW	25/90 kW
Temperature Range		25/80°C	25/60°C
Fuel Type	Gas Oil		
Maximum Working Pressure		3 Bar	5 Bar
Safety Valves		3 Bar	5 Bar
Heat Exchangers		No	Yes
Power Supply	240 V 1 ph		
Plug Type	16 amp BS4343		
BMS Outputs	No		
Time Clock	No		
Weight	980 kg		
Dimensions LxWxH	2,030/1,310/1,780		
Frost Protection	No		
Flow			max 2,500 lt/hr @ 45 °C
Pump Capacity		4,500 lt/hr @ 0.6 bar	
Variable Temperature Control		Yes	Yes
Height of Flue Above Ground level	2,750 mm		
Expansion vessel		50 lts	
DHW Circulation System			Yes
Flexible Hose Connections	Storz Twist Lock		
Water Connections	Flow/Ret/Cold Feed	1" BSP	1" BSP
Recirculationn Connection DHW			¾" BSP
Fuel Tank Capacity	Max 12.5 lt/hr		
Fuel Supply	500 lt or Remote Supply		
Noise Level	45 DBA @ 10mtr		
Handling Options	Fork Pockets/4 point lifting eyes or can be trailer mounted 50 mm Tow Ball		