

Beta - Hot water packaged boiler houses



Beta Range Technical Data

- Output duty : 95kW ~ 500kW
- Flow rates : 2.2 ~ 10.8 litres/second
- Efficiency : 93 ~ 96%
- Voltage : 230 or 410
- Sound levels @ 3m : 62 ~ 65dBA
- Burner manufacturer : Riello
- Burner controls : Hi/lo
- Boiler manufacturer : Ferroli
- Boiler type : Sectional cast iron
- Heating water temperature : 85 °C
- Sanitary water temperature : 55 °C
- Safety devices : Integral pressure relief valves
- Frost protection : Thermostat
- Fire protection : Fusible fuel valve link

Beta Range Optional Features

- Single or dual circuit options
- Fork lift truck points (x 2 or x 4)
- Lifting eyes
- Stackable
- Panel construction & finish
- Controls up-grades
- Integral fuel tank options
- Natural gas/LPG/Bio-diesel options



Beta - High Efficiency Hot Water Boiler Houses

Beta is a versatile and compact range of high efficiency oil and gas fired mobile boiler houses with outputs from 100kW to 500kW. The range consists of three models B86 (100kW), B215 (250kW), and B413 (480kW). Each Beta is capable of providing high flow rates of hot water via an integral and highly flexible dual flow system suitable for heating and for sanitary use.

In common with the Alpha and Gamma Ranges the design features a fully welded rigid and immensely strong chassis with flush fitting insulated doors and removable panels to provide a very strong, robust, and extremely durable product. There are various options on the configuration and these include integral bunded fuel cells and controls upgrades. In common with all our products each Beta is hand built to the highest standards, and is designed to withstand rigorous and prolonged use within the hire industry. Each Beta is fitted with four-way FLT pockets, lifting eyes, and is designed to be stacked when not in use.

Controls, outer panels, and external paint finishes can be detailed and specified by the customer with specifications to suit individual customer and application requirements.

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Technical & Performance Data

		Beta 86	Beta 215	Beta 430
Heat output	kW	100	250	500
Heat output	k/Cal	86,000	215,000	430,000
Flow rate (heating @ 85 °C)	litres/sec	2.20	10.40	10.80
Flow rate (hot water @ 55 °C)	litres/sec	0.43	1.06	2.2
Efficiency	%	93	93	93
Fuel consumption	litres/hour	12.4	27.5	53.2
Head height	metres	30.0	5.5	7.0
Electrical	V-ph-Hz	230-1-50	230-1-50	230-1-50
Noise level	dBA	60	61	62

Applications

Typical applications for Beta boiler houses include the following: construction sites, outdoor events and marquees, temporary kitchens and field hospitals, temporary toilet and shower units, decontamination units, temporary storage facilities, temporary LPHW heating coils within Air Handling Units, frost protection, warehousing, plant and building refurbishment, process heating, pest control, deep cleaning, and sterilisation, building drying and dehumidification, ship building and refitting, temporary heating within industrial and commercial units, under floor heating, greenhouses and agriculture, high pressure jet washing and process cleaning, in theatre military uses, and very many more...

Linton Services Limited

Presteigne Industrial Estate Presteigne Powys United Kingdom LD8 2UF
Telephone +44 (0) 1544 26 00 32 Facsimile +44 (0) 1544 26 07 32