

Suitable Applications

- Pumped Open Vented Systems
- Sealed Systems
- District Heating Systems
- Educational Establishments
- Hospitals
- Care Homes
- Commercial Premises
- Processing Plant & Factories
- Swimming Pools & Leisure Centres



Description

The Temporary Climate Solutions T500 is a powerful and versatile mobile temporary boiler room designed to provide efficient heating solutions in challenging environments. With a capacity of 500kW, this bespoke-built trailer-mounted unit offers a high level of mobility and manoeuvrability, making it ideal for reaching and operating in hard-to-access locations and rough terrain. The T500 can be rapidly towed to the desired site and easily unhitched, allowing it to be pushed into the correct location with minimal effort.

Powered by three Ideal Evomax 2 gas boilers, each with a capacity of 150kW, this bespoke-built trailer-mounted unit offers exceptional heating performance.

It incorporates a 600kW LTHW (Low-Temperature Hot Water) plate heat exchanger with DN80 3" camlock connections and a 300kW DHW (Domestic Hot Water) plate heat exchanger with DN50 2" camlock connections

The T500 is equipped with EASYIO BMS (Building Management System) control system, enabling remote monitoring and two-way communication for enhanced efficiency and fault management. The remote engineering facility ensures prompt response to any faults or out-of-parameter readings, minimizing downtime.

Handling Options	Tow
Dry Weight	Approx 2 Tonnes
Dimensions (L x W x H) (m)	4.7x 2.1 x 2.0 H + Flue when in operation
Portability	Towable via Vehicle
Electrical	
Voltage	230v 1ph
Amps	16A
Recommended Supply Breaker	20A
Recommended Cable Size	2.5mm ²
Supplied Electrical Connection	16a Commando
BMS/Controls	Remote Monitoring capability/EASYIO Controls
Water	
Max Heating Pressure	6 Bar
Min Heating Pressure	0.5 Bar
Min. Flow Temp	30°C
Max. Flow Temp	85°C
Plate Heat Exchanger (LTHW)	600kW
Heating Connections	3" DN80Camlock
PRV Size	3/4" Boiler Safety Valves & 1" PHEX Safety Valves
Heating Fill Valve (mains)	1/2" Hose Connector
Plate Heat Exchanger (DHW)	300kW
DHW Connections	2" DN50 Camlock
Gas	
Gas Connections	DN50 XR2MEU Gas Tite + 20M GFS Pipe
NOx Weighted (Gross)	35.7mg/kWh