

1500kW Packaged Boiler



Operating Instructions & Safety Guide



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General Safety

- This equipment should only be used by a competent person who has read and understood these instructions.
- Check condition of equipment before use. If unit is showing any signs of damage contact your supplier immediately.
- Never operate this equipment if you are ill, feeling tired or under the influence of alcohol or drugs.
- Keep all vents and grills clear of obstructions.
- Keep children and animals away from electric powered equipment. Never leave them alone when the unit is in use.
- Make sure equipment is switched off and unplugged after use.

Electrical Safety

- This unit operates on a 415 volt 5pin 32amp power supply
- Always inspect plugs and sockets before use and make sure there are no signs of damage
- DO NOT USE IF ANY DAMAGE IS FOUND.
- Ensure cables are installed to prevent hazards.
- If an extension lead is used, ensure it is of the correct standard and fully uncoiled before use.
- Cables must not be laid in wet or damp areas.
- Do not move equipment while operating.
- Make sure the boiler flu is positioned 1.5m away from the nearest building

Getting started and operation

Position equipment on level ground.

Position away from any possible flammable materials.

Do not use within any zoned or hazardous areas.

Keep at least 1 meter of clearance around the Boiler and don't restrict the air flow around the Boiler.

Always make sure the fuel tank is positioned on level ground and is positioned within 1.5 meters of the boiler location to make sure the fuel lines can reach and connect.

The temperature control setting will have to be set according to the actual application the boiler is being used for

DHW applications will require an additional plate heat exchanger to be mounted externally to the temporary boiler

5 pin 32amp 415 volt Appliance inlet plug found on the 1500kW Boiler



Fig 1 : 415 volt
Appliance inlet plug

Fig 2 :

The 1500kW Packaged Boiler can be supplied to operate on two fuel options. Gas oil or Natural Gas 6,000 liter and 10,000 Gas oil fuel tanks available. The boiler has two fuel lines, one for the fuel pick up and one for the return connection. These lines must be connected correctly to avoid damage to the boiler.



Fig 4 :

Temperature control panel for the burner. Low and high flame control thermostats



Fig 6:

The 1500kW Boiler has a 4" flow and return connection that has a manifold piece for each connection. The hoses from the temporary boiler will be 2 x 3" storz for the flow and 2 x 3" storz for the return.

Fig 3:

The boiler control panels and 3 stage burner



Fig 5 :

Main control panel for switching primary and secondary pumps on and burner control

Fig 7 :

1500kW plate heat exchanger with primary and secondary circulating pump

