

automatic fan storage heaters

the FXL range

The FXL range of automatic fan storage heaters sets new standards for performance, control and economy.

With 2½ times greater insulation than conventional storage heaters, more useful heat is available for later in the day and in severe weather.

This higher heat retention directly reduces running costs by up to 25%. A low noise thermostatically controlled fan ensures that the stored heat is delivered only as required, resulting in better comfort and more evenly controlled room temperatures.

A fully automatic charge system ensures just the right amount of heat is stored whatever the weather and requires no adjustment by the user and meets the requirements of Building Regulations Part L1, which requires all storage heaters installed in new buildings to be fitted with automatic charge controls.



Model FXL18

Range features

- Compact design, little larger than conventional storage heaters.
- Simple one-touch control for ease of use.
- Requires little or no top up from day energy, resulting in lower annual running costs.
- Can add up to 6 points to a property's SAP energy rating.
- Built in boost element for supplementary heating.
- Automatic charging provides excellent economy on all tariffs.
- High fan speed selectable for faster core discharge in commercial environments.
- Accurate thermostatic control of room temperature.
- Fan operation can be controlled by external timer.
- Requires both off peak and 24 hour electrical supplies.
- Secure wall fixing for safety.
- Feet may be fitted under carpet or on top of suitable floor covering.
- Simple assembly for flexible positioning and quick installation.
- Compatible with all off peak tariffs.
- See page 36 for accessories.



easy-to-use controls

technical specifications

Heat Retention

The core heat storage bricks are enclosed by insulation panels providing approximately 2 1/2 times more heat retention than conventional storage heaters.

Core Discharge

Achieved by a low noise centrifugal type fan drawing air through the hot core. The fan is switched by the room thermostat to allow heat output on demand.

Automatic Charging

Charging is regulated by a unique system monitoring both room temperature and the state of the storage core.

Boost Heating

Provided by a supplementary element which will only operate when the useful core heat is exhausted.

Internal Details

1 Insulation

Microporous Silica and Mineral Wool.

2 Storage core

High density bonded magnetite bricks (standard bricks as used on XL/XLS/CXL/CXLS heaters).

3 Heating elements

Sheathed type.

4 Core extract fan

Low noise centrifugal type.

5 Direct acting heater

Integral fan boost element.

6 Supply connection

Two supplies taken into heater for separate storage and fan circuits. Storage heater circuit connection and fan circuit connection all at right hand end of base. Provision for left or right hand cable entry to all circuits.

Controls

1 User controls

Manually adjustable room temperature thermostat. On/Off switch for boost.

2 Installer set controls

For commercial applications, installer can permanently select higher fan speed for faster core heat extraction.

IP Rating

N/A.

Packing

1 Case Assembly

Containing assembled heater case and heating elements. Packed in single carton.

2 Storage Bricks

Supplied in packs of 2. Approx weight of each brick 7.5kg.

Finish

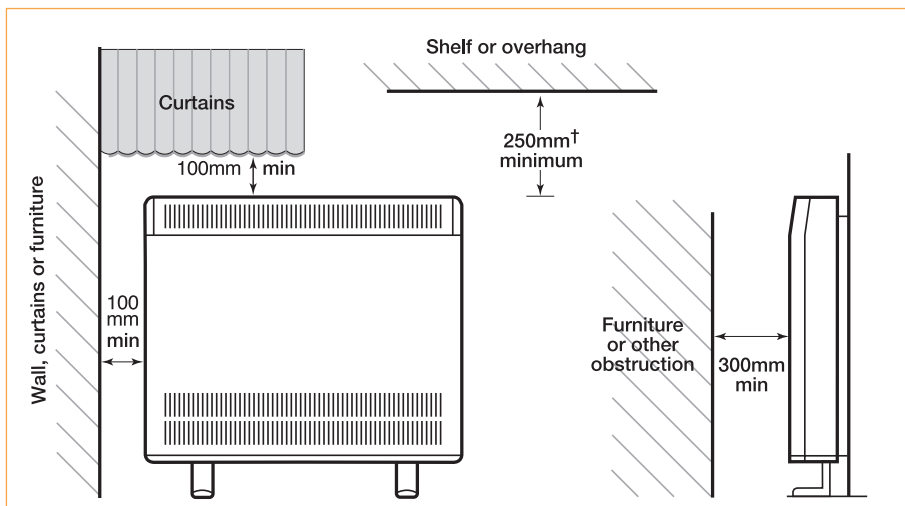
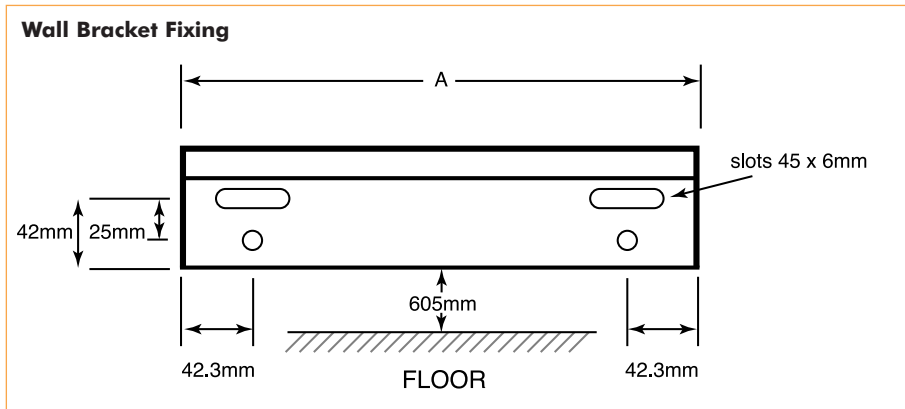
Front panel, sides and top panel – Willow White: Rear heat shield and wall spacer – contrasting Birch Grey.

Shelf

An attractive shelf is available in 2 lengths (see page 28 for photograph).

Accessories

Please refer to page 36 for details of optional accessories.



† When using Dimplex shelves a clearance of 150mm must be maintained.

The wall fixing arrangement is adjustable to accommodate for skirtings up to 150mm high and 25mm deep.

Model	Dimension A	No. of slots
FXL18	769mm	4
FXL24	997mm	5

Model No.	FXL18	FXL24
Width	788mm	1016mm
Height	700mm	700mm
Depth	183mm	183mm
Storage input loading	2.55kW	3.4kW
Direct acting loading	1.5kW	1.5kW
No. of bricks	12	16
Weight	120kg	157kg
Shelf Model No.	SHE18	SHE24