

**INSTALLATION INSTRUCTIONS- Model Ref. SPACE MAKER SST8****User Information**

Cleaning and user maintenance shall not be made by children without supervision. Children of less than 3 years should be kept away unless continuously supervised.

Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.

**CAUTION – Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.**

**INTRODUCTION**

This unit is designed for mounting between floor joists (parallel or at right angles), or into a prepared trench in a concrete floor. It must not be used in bathrooms, showers or any other area of high humidity. The floor grille provides air distribution vertically both in and out of the unit. The area above this unit must not be obscured or restricted. This unit must not be located immediately below a socket outlet. It is to be connected to a two pipe pump assisted hot water heating system only.

This unit is classified as a fixed appliance and electrical connection should be via a double pole 3A fused spur with a minimum contact gap of 3mm. The fused spur must not be directly above the heater but should be accessible after completion of the installation. If the pre-wired mains cable is damaged, it must be replaced by either the manufacturer, its service agent or similarly qualified persons. The appliance must be earthed.

To conform to Building Regulations Part L (part J in Scotland), a remote room thermostat can be used in conjunction with this heater.

**PREPARATION**

Remove the two screws securing the grille frame to the chassis unit and lift off. The inner grille core can be lifted out from the surrounding frame. The opening required to accommodate this unit is 357mm x 254mm x 236mm deep from the finished floor level. Select the desired installation location and prepare accordingly. Place the unit into the opening and rest it on the three top flanges. Lower the unit into the opening and screw fix the three side flanges to the floor through the vacant screw holes. Ensure the side with the pipe tails has an access gap sufficient to connect the heating pipes.

**PIPEWORK**

Connect the heating system flow and return pipes to the appliance 15mm copper connections. Fill the system and check the joints are leak free. Vent air that may be in the appliance heat exchanger via the air vent valve situated on the top pipe connection, inside the unit. Do not over tighten the air vent valve.

## ELECTRICAL CONNECTIONS

Isolate electrical supply and connect the heater cable to the fused spur (3A). Ensure the fused spur is not directly above the heater and is accessible after installation is complete.

## UNIT OPERATION

This appliance is equipped with a low temperature cut out thermostat which requires the water temperature to be approx. 38°C before the fan will energise. If the fan does not energise when the heating system is running, check (i) water temperature (ii) water flow and (iii) the unit is fully vented of air. Air may accumulate after the initial fill and therefore should be vented a second time. If water flow (ii) is poor, the system will require balancing to ensure an even distribution of hot water around the whole system. The rocker switch provides Max. /Off/Min. fan speeds.

## SPARES

In the event spares become necessary, please quote the model type, and the descriptions and part numbers below.

|                        |                                     |                     |                             |      |
|------------------------|-------------------------------------|---------------------|-----------------------------|------|
| Fan Motor.....S10129   | Outboard Bearing.....S10010         | Impellor.....S10011 | Grille Assembly.....14-0004 | Heat |
| Exchanger.....02-0255R | Rocker                              |                     |                             |      |
| Switch.....08-0500     | Low Temperature Cut Out.....08-0799 |                     |                             |      |



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