

Serene 'Primo' Heating Panels

Models S2024/5

With easy to use **Manual Controls**

Operating Instruction Manual



Please read and save the user manual

Introduction

Serene Heating Panels

Serene Convection panel heaters are available as horizontal models, providing you with the opportunity to choose a model that will optimise the available wall space. Our new designs have passed rigorous testing and quality assurance controls with both style and safety in mind. As a result, they have a slim profile, operate silently, are double insulated, include auto reset overheat protection and are supplied with wall mounting brackets for simple installation.

These Serene Model 2024/5 convection heating panels incorporate a manual control system which enables simple easy real time control.

The electronic thermostat control with rapid cycling samples the air temperature every few seconds which ensures that the element is only energized for short periods which minimises power usage and saves you money.

Safety Information:

When using any electrical appliance, safety precautions should always be observed. Read these instructions carefully, and retain for future reference.

- When used by, or near, young children or infirm persons, supervision is necessary. Young children should be supervised to ensure that they do not play with the appliance.
- Use this appliance only with the voltage specified on rating label.
- Do **NOT** use this appliance other than for its intended use.
- Do **NOT** touch hot surfaces or moving parts.
- Do **NOT** cover the grilles or place any object or material up against the unit, as this may block entry or exhaust of airflow.
- Do **NOT** probe any opening to remove fluff. To ensure trouble-free performance it is recommended that on a regular basis the unit be isolated from the power supply and a vacuum cleaner used to remove dust and fluff from the inlet and outlet grilles.

Caution:

When the heater is operated ensure the heater is not obstructed in any way by furniture or drapes etc. Ensure the heater can operate safely, should the heater switch on when the ambient temperature drops, or a timer activates the heater.

- Do **NOT** allow the supply cord to come into contact with heated surfaces during operation.
- Regulations require that electrical work be carried out by authorised persons. For your own safety and that of others, ensure this is done.
- If the supply cord becomes damaged, it must be replaced by a qualified person, in order to avoid a hazard.

Safety Cutout:

Serene Convection Heating Panels are fitted with a resettable thermal cutout.

This safety device will automatically switch off the elements should the heater reach an abnormal temperature and turn the heater back on once it has cooled down.

Overheating is normally caused by blockage of the air vents or by the vents being covered.

NEVER COVER THE HEATING PANNEL OR ANY OF THE VENTS.

To clean the vents use a vacuum cleaner and a damp cloth as necessary .

Installation:

This appliance must be installed in accordance with the current electrical wiring rules and regulations. The heater must not be located immediately below a socket-outlet. A suitable disconnection device (acting in all active supplies) is required to be incorporated in the fixed supply wiring.

When used as a bathroom, the heater must be installed such that the controls cannot be touched by a person in the bath or shower.

The minimum required distance from the heater to any floor is 150mm.

The minimum required distance from the heater to any adjacent wall is 200mm.

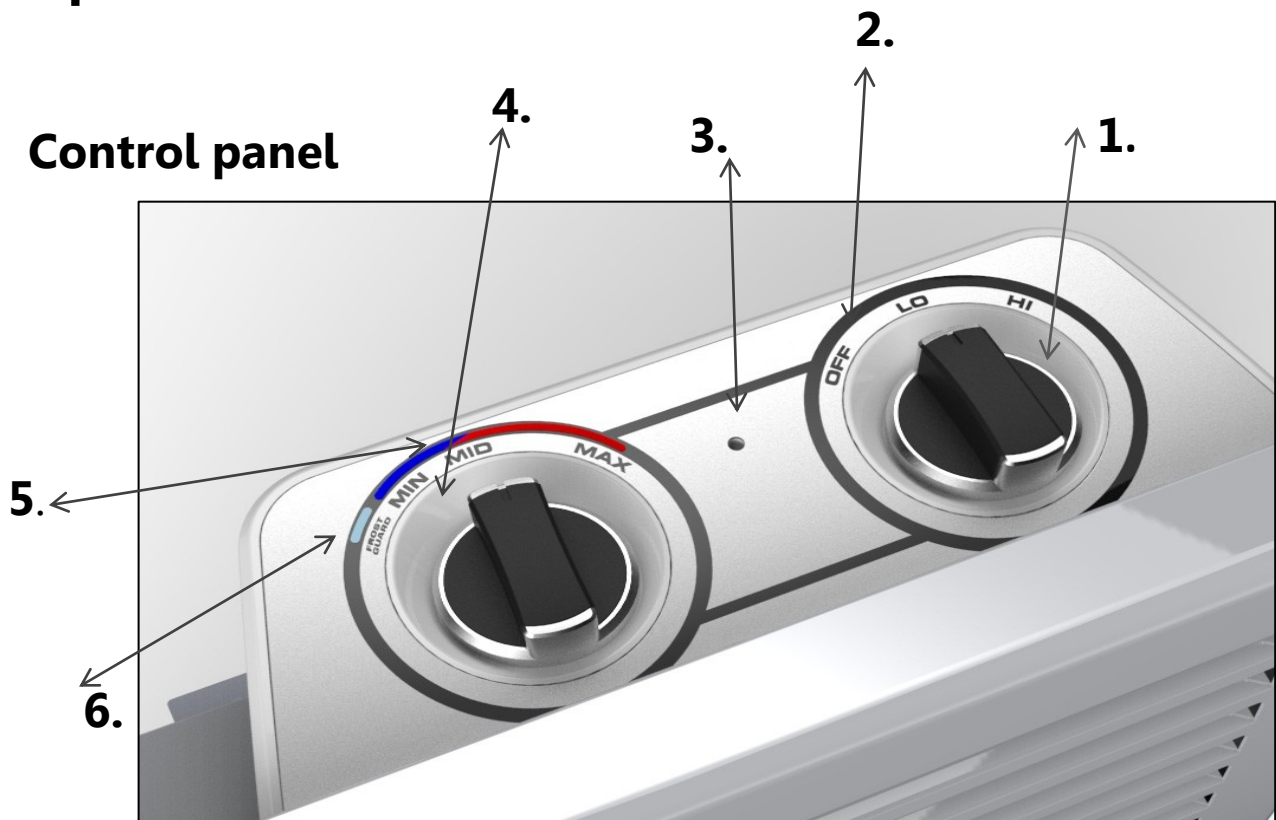
Connection Details:

The heater is supplied with a flex and 3 pin plug. For single operation the heater can be plugged directly into a socket outlet or hard wired.

For permanent connection to fixed wiring, the plug must be removed.

Operation & Functions

Control panel



1: POWER CONTROL KNOB

2: HIGH LOW OFF INDICATOR

3: BLUE POWER ON INDICATOR

4: THERMOSTAT CONTROL KNOB

5: THERMOSTAT SETTING INDICATOR

6: 'FROST WATCH' SETTING

Turning the heater Power ON/OFF

When the unit is connected to power the blue 'power Indicator' lights.

Operation

The operation of the heater is controlled by the HI/LOW/OFF control knob and the adjustable thermostat knobs located on the top of the heater.

The blue LED indicator lights when the heater is operating.

Thermostat

The heat output is regulated by a built-in thermostat.

The thermostat maintains the required ambient temperature by automatically turning the heat on and off as needed.

Starting from the lowest position, turn the thermostat knob clockwise until you hear a 'click'. The heater will then start heating and the LED indicator will light up. The more the thermostat knob is turned clockwise, the higher the ambient temperature will be.

If the ambient temperature is close to 35°C or more, the heater may not turn on even if the thermostat is set on maximum.

Alternatively, if the ambient temperature is below 5°C, the heater may operate in 'frost watch' mode continuously even if the thermostat is set on minimum.

To set the thermostat:

1. Turn the thermostat knob clockwise to maximum and wait until a comfortable ambient temperature is reached.
2. Turn the thermostat knob anti-clockwise until you hear a 'click' and the heater turns off.
3. Fine adjustments can then be made.

Over - heat protection

All Serene heating panels are equipped with a overheat protection switch that will automatically turn the heater off if for any reason the unit has overheated.

The heater will automatically come back on when it has cooled down

Cleaning

The heater requires regular cleaning to ensure trouble free operation.

- Isolate the heater from the mains power supply.
- Use a damp cloth to clean the exterior of the heater.
- Do not use any abrasive cleaners.
- Use a vacuum cleaner to remove dust and fluff visible on the heater inlet and outlet grilles.

Ensure the heater is dry before turning the mains power supply to the heater back on

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Wall Mounting Instructions

The heater is fixed on the wall with the mounting bracket attached to back of the heater.

To secure mounting bracket to the wall

1. Remove the wall mounting bracket from the back of the heater, by compressing the fittings at the top and/or sides of the bracket, which clip into the heater body (see figure 2 below).
2. Place the mounting bracket against the wall, ensuring the bracket is level and the minimum distance between the heater and the adjacent surfaces are adhered to .
- 3 .Mark and drill the fixing holes at the top and bottom of the mounting bracket, and attached to the wall with suitable screws and/or wall anchors).
4. Locate the heater over the bottom clips of the wall bracket and then push the heater securely into the fittings on the top and/or sides of the bracket.

To remove heater from the wall

1. By using a cross head screwdriver, remove the 2 locking screws of the wall mounting bracket.

2. Lift the heater up and away from the wall.

IMPORTANT: When fitted in a bathroom

The heater must NOT be located immediately below a socket outlet.

Specifications:

Serene S2024/5

Model S 2024 Power: 1000W/500W
Dimensions (mm): W 460 D 75 H 400

Model S2025 Power 2000W/1000W
Dimensions (mm): W 830 D 75 H 400

Electrical
Supply 230-240 volts A.C. 50 Hz

Wattage 500W-2000W

Wiring: Permanent connection or by cord set.

Double insulated, no earth required.

Ingress Protection Rating IPX24

Serene Industries Limited reserves the right to alter specifications without notice.

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