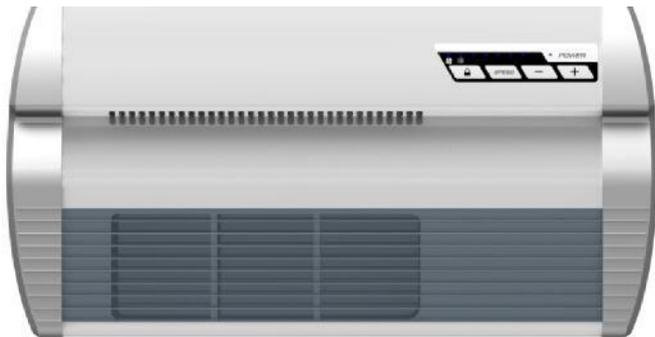




Optima

Model S2055

Wall Mount Space Heater



# Installation & Operating Manual

## Safety Information:

- When using any electrical appliance, safety precautions should always be observed. Read these instructions carefully, and retain for future reference. For service, contact your nearest authorised service agent.
- Under no circumstances should an unauthorised person open the heater to adjust the thermostat.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance. Do NOT use this appliance other than for its intended use.
- Use this appliance only with the voltage specified on the rating label.
- Be very careful not to 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 the entry or exhaust of airflow.
- Do NOT probe any opening to remove fluff. To ensure trouble-free performance, it is recommended that the unit be isolated from the power supply and a vacuum cleaner used to remove dust and fluff from the inlet and outlet grilles on a regular basis.
- Installation must be performed by a licensed electrician. Regulations require that electrical work be carried out only by properly qualified person. For your own safety and that of others, ensure this is done.
- Do NOT allow the supply cord to come into contact with heated surfaces during operation.
- If the supply cord becomes damaged, it must be replaced by a qualified electrician in order to avoid a hazard.

## **Installation:**

The installation must be performed by a licensed electrician

This appliance **MUST** be installed in accordance with relevant wiring rules and regulations which cover installation of appliances and accessories in damp situations, such as bathrooms, showers, laundries and other areas, fixed water containers (in Australia and New Zealand - AS/NZS 3000:2000 Wiring Rules

A suitable disconnection device (acting in all supplies) **MUST** be incorporated in the supply wiring

## **Caution:**

If the heater is used on the Freeze Guard setting or operated via a timer, 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.

See **Control Functions (page 5)** for more information on how the Freeze Guard setting works.

## Operation:

Air is drawn into the heater through the top and side inlets by a tangential fan, blown over heating elements and then blown out through the bottom louvered grille into the room.

The heater is controlled by an electronic controller, incorporating an electronic thermostat and speed control. This controller enables the 5 heat levels which can be thermostatically controlled **and** the powerful 5 speed fan to operate.

**To turn ON the heater** switch the rocker switch located on base of the heater to the ON position **(I)**. The heater will beep once.

**To start or stop the heater** touch **POWER** on the control panel and the adjacent blue LED will light.

### SETTING THE HEAT CONTROL THERMOSTAT:

To set the electronic thermostat at the required setting, press the selector buttons as follows:

To **Decrease** the temperature touch **(-)**

To **Increase** the temperature touch **(+)**

The blue indicators above the selector buttons will be lit to indicate the temperature setting. When all indicators are lit this indicates the highest temperature setting.

When only the first blue temperature indicator is lit, the heater will run on **LOW** heat.

### SETTING THE FAN SPEED:

**To select and increase the fan speed** touch the **SPEED** indicator on the control panel repeatedly until the desired speed is selected.

**To reduce the fan speed** touch the **SPEED** control repeatedly until the desired fan speed is selected.

## Operation Modes:

Your Serene Wall Fan Heater has several selectable modes of operation:

1. **NORMAL MODE:** This is the default factory mode. In this mode the heater will operate with no timer functionality.
2. **3-HOUR TIMER MODE:** The heater is fitted with a **3 hour countdown timer**.

**To activate the timer** first turn on the heater. Then touch the **FAN symbol** until the green LED is lit.

Then **simultaneously** touch and **hold for 1 second** the **(+)** and **(-)** controls. A blue indicator will begin flashing.

The 3 hour countdown timer is now set and after 3 hours the heater will turn OFF automatically.

3. **FAN ONLY MODE:** Optima has a very powerful 5 speed fan that will efficiently fan cool even large rooms.

**To set the fan only speed** touch the **fan symbol** on the far left of the control panel.

**To select the required fan speed** touch the **SPEED** control until the desired fan speed is obtained.

4. **TAMPER LOCK MODE:** A tamper lock is fitted that will ensure that the temperature setting cannot be changed, yet the heater is still able to be turned ON or OFF. **Refer page 5**

# Control Functions:



1	<p><b>POWER BUTTON</b> Touch to <b>START</b> or <b>STOP</b> the heater.</p>
2	<p><b>SPEED INDICATOR</b> To control the fan speed touch the SPEED button repeatedly until the desired fan speed is selected</p>
3	<p><b>FAN ONLY INDICATOR</b> To set the heater to Fan Only setting, press the FAN symbol until the Green 'Fan Only' indicator is lit.</p>
4	<p><b>FREEZE GUARD INDICATOR</b> When the heater is set to the Freeze Guard setting, it will switch on if the temperature detected by the electronic controller falls below 5°C. To set the heater to Freeze Guard setting, Press the 'freeze symbol' on the left side of the control panel until the Red Freeze Guard indicator is lit</p>
5	<p><b>SELECTOR BUTTON</b> Touch to <b>DECREASE</b> the temperature setting.</p> <p><b>SELECTOR + BUTTON</b> Touch to <b>INCREASE</b> the temperature setting.</p>
6	<p><b>TAMPER LOCK BUTTON</b> Activating the Tamper Lock button will ensure that the temperature setting cannot be changed, yet the heater is still able to be turned on or off. To activate the Tamper Lock, hold down the button for approximately 3 seconds, until you hear a beep and the Tamper Lock red indicator is lit. To deactivate this function, repeat the operation.</p>

## Installation:

This appliance must be installed in accordance with the current electrical wiring rules and regulations.

The heater/fan must not be located immediately below a socket-outlet. If used as a bathroom heater, the 'Optima' must be installed away from wet areas 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**.

### NOTE

The heater **MUST** be mounted on the wall a minimum distances of 150mm from floor level.

## Connection Details:

The 'Optima' (**S2055 model only**) is supplied with a power cord and 3 pin plug. For single operation the heater can be plugged directly into a socket outlet.

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

## Wall Mounting:

1. The heater is very simple to wall mount using the screws provided. Remove the heater from the packaging and locate the mounting screws. Measure the distance between the mounting key-hole **(372 mm)** and mark the wall accordingly. Drill the holes and insert the mounting screws three quarters of their length. Adjust as required to ensure a snug fit to the wall.
2. Place the heater against the wall and locate the mounting screws ensuring that the heater is level and the minimum distance between the heater and the adjacent surfaces are adhered to.
3. Pull the heater gently downwards so that the heater locates squarely and firmly into the key holes on either side. There is a safety wall anchor tab located downwards from the middle of the back panel using the screw provided attach the safety tab to the wall.

## To remove from the wall:

1. By using a cross head screwdriver, remove the locking screw from the safety tab.
2. Simply lift the heater up and away from the wall.

## 3-Hour Timer Mode:

In this mode the heater works on a 3-hour countdown timer that shuts the heater off after 3 hours of operation.

### To restart the timer at any time

1. Simply touch POWER.
2. Simultaneously touch and **hold for 1 second** the **(+)** and **(-)** controls. A blue indicator will begin flashing.
3. The 3 hour countdown timer is now set and after 3 hours the heater **will turn OFF automatically**.
4. Press the **POWER** button and the heater will operate.

## Safety Cutout

Your Serene Wall Fan Heater is fitted with an auto-reset thermal cutout and a fusible link.

Either of these devices will automatically switch off the elements and the motor, should the unit reach an abnormal temperature.

Should this occur, disconnect the heater from power supply, check for blockage of the air inlet and outlet, and use a vacuum cleaner to clean if necessary.

## 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.

## Specifications:

Style:	<b>Surface Mounted</b>
Model:	S2055
Height:	272mm
Width:	525mm
Depth:	115mm
Protrusion:	120mm
Weight:	4.6 kg

## Electrical:

**Wattage** 2200-2400 W

**Supply Wiring:** 1.8 m cord set OR Permanent connection

**Supply:** 230-240 Volts ac. 50 Hz, single phase

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