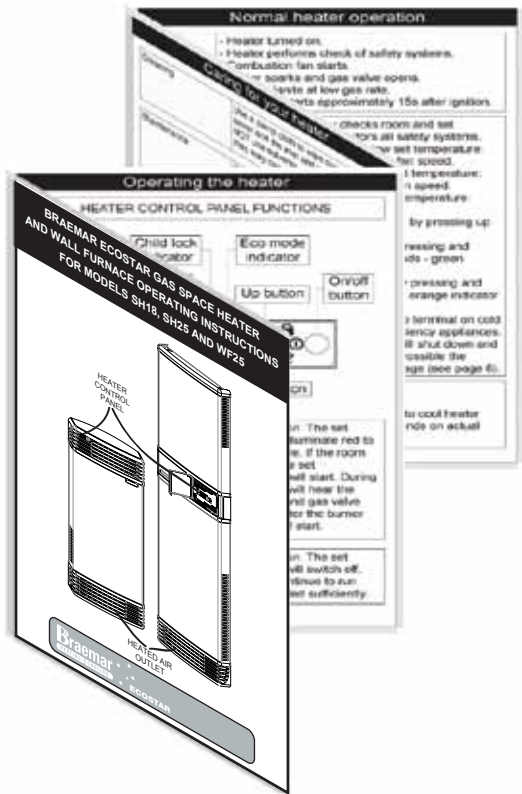


LAYOUT



Heater identification

Installation date: _____
Installer: _____
Installer phone No: _____

PLACE
SERIAL No/MODEL No
LABEL HERE

IMPORTANT MAINTENANCE (AND WARRANTY) INFORMATION

As with any product that has moving parts or is subject to wear and tear, it is **VERY IMPORTANT** that you maintain your space heater and have it regularly serviced. It is a condition of warranty cover for your space heater that you comply with all of the maintenance and service requirements set out in the Owner's manual. Compliance with these requirements will prolong the life of your space heater. Further, it is also a condition of warranty cover that each item in the Maintenance Schedule on the back page of this Owner's Manual is performed with the frequency indicated, by a qualified, licensed technician, and that the Maintenance Schedule is properly filled out (ie names, signature, date, and action taken) when the item is completed. **ANY FAILURE TO CARRY OUT THE REQUIRED MAINTENANCE AND SERVICING REQUIREMENTS, AND ANY FAILURE TO PROPERLY FILL OUT THE MAINTENANCE SCHEDULE, WILL VOID YOUR WARRANTY.**



Important safety information



THIS SPACE HEATER MUST BE INSTALLED AND SERVICED BY AUTHORISED PERSONNEL ONLY.

DO NOT: Operate this appliance before reading these instructions.

DO NOT: Place articles on or against this appliance.

DO NOT: Use or store flammable materials near this appliance or its flue terminal.

DO NOT: Spray aerosols in the vicinity of this appliance or its flue terminal while it is operating.

DO NOT: Operate this appliance with any parts removed.

DO NOT: Modify this appliance.

It is recommended that a flue guard be fitted where children may be able to touch the flue terminal - flue guard part No 079073.

IF YOUR HEATER STOPS WORKING

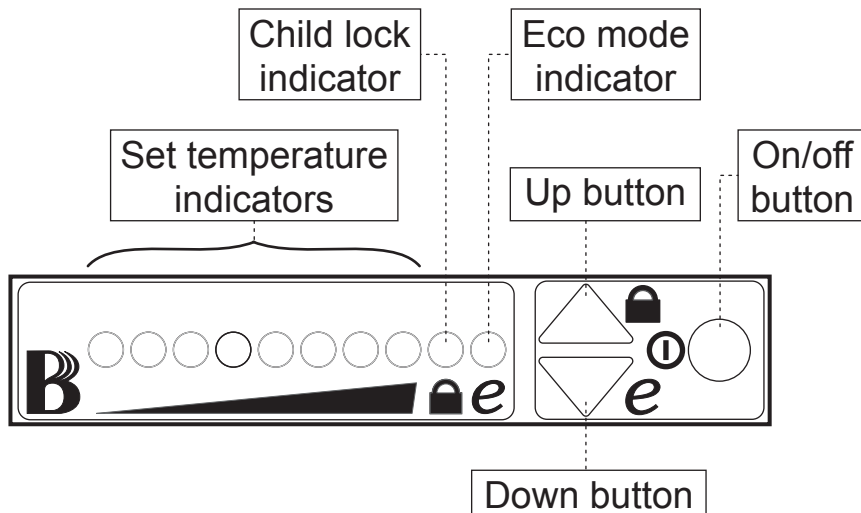
Warranty and service: 1300 650 644

Sales: 1300 650 141

Before requesting a service call please run through the simple checks in the "If your heater stops working" and "Fault messages" sections of this manual.

Operating the heater

HEATER CONTROL PANEL FUNCTIONS



Turning the heater ON	<i>Press the ON/OFF button.</i> The set temperature indicators illuminate red to show the set temperature. If the room temperature is below the set temperature the heater will start. During the start sequence you will hear the combustion fan, spark and gas valve opening. A short time after the burner ignites, the room fan will start.
Turning the heater OFF	<i>Press the ON/OFF button.</i> The set temperature indicators will switch off. The room air fan will continue to run until the heater has cooled sufficiently.

Operating the heater

<p>Adjusting the room temperature with the heater turned on</p>	<p><i>Increase set temperature:</i> Press the UP button to increase by 1 step.</p> <p><i>Decrease set temperature:</i> Press the DOWN button - each press drops the temperature setting by 1 step. Approximate temperature settings are:</p> <ul style="list-style-type: none">- Minimum: 16°C- Maximum: 28°C
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<p>Selecting ECO mode</p>	<p><i>Press and hold the DOWN button for 3 seconds.</i> The "eco" indicator will glow green to show that "eco" mode is active. In "eco" mode the heater will run only at low gas rate or turn off when the room reaches the set temperature - it will not run at high gas rate.</p> <p>To exit "eco" mode <i>press and hold the DOWN button again for 3 seconds</i> - the green "eco" indicator will go out.</p>
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<p>Activating CHILD-LOCK</p>	<p><i>Press and hold the UP button for 3 seconds.</i> The "child lock" indicator will glow orange to show that the controls are locked. When the "child lock" is active all functions other than OFF are locked. If the heater is turned off while "child lock" is active, it cannot be turned back on until you exit "child lock".</p> <p>To exit "child lock" <i>press and hold the DOWN button again for 3 seconds</i> - the orange "child lock" indicator will go out.</p>
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Normal heater operation

Start	<ul style="list-style-type: none">- Heater turned on.- Heater performs check of safety systems.- Combustion fan starts.- Igniter sparks and gas valve opens.- Burners ignite at low gas rate.- Room fan starts approximately 15s after ignition.
Run	<ul style="list-style-type: none">- Heater continuously checks room and set temperatures, and monitors all safety systems.- Room temperature well below set temperature:<ul style="list-style-type: none">- High gas rate and room fan speed.- Room temperature just below set temperature:<ul style="list-style-type: none">- Low gas rate and room fan speed.- Room temperature reaches set temperature:<ul style="list-style-type: none">- Heater turns off.- Set temperature can be adjusted by pressing up or down buttons.- ECO mode can be selected by pressing and holding DOWN arrow for 3 seconds - green indicator ON.- CHILD LOCK can be selected by pressing and holding UP arrow for 3 seconds - orange indicator ON.- Steam may be visible around flue terminal on cold days - this is normal for high efficiency appliances.- If a fault is detected the heater will shut down and attempt a reset. If a reset is not possible the heater will display an error message (see page 6).
Shut down	<ul style="list-style-type: none">- Heater turns off- Burners turned off- Room fan runs on high then low to cool heater- Run-on time at each speed depends on actual burner high and low on times

It is a condition of your warranty cover that the items in the Schedule below are checked (and action taken as required) every two (2) years after the date of installation by a qualified, licenced technician, and that the Schedule is properly filled out (ie names, signature, date, and action taken). Even after the warranty period expires, please continue to have the product maintained every two years as per the items in the Schedule. This will help to prolong the life of the product and keep it running efficiently.

Maintenance Schedule

Year	2	4	6	8	10
Name of Technician and company (Print)					
Signature of Technician					
Date of attendance					

Cabinet and components

Cabinet					
Heat exchanger					
Electrical connections					
Combustion air inlet louvres					

General installation

Rear register					
Flue system, cowl					

Electrical

Electrical wiring					
Room fan motor / impellor					
PCB's and ignition module					
Pressure switch/s and hoses					
Combustion fan suction pressure	Pa	Pa	Pa	Pa	Pa

Gas, burners, ignition

Burners and injectors					
Ignition electrode					
Flame sense electrode					

Operation

Start up and run sequence						
Control operation						
Cross-lighting						
Gas inlet pressure		kPa	kPa	kPa	kPa	kPa
Gas test point pressure	High	kPa	kPa	kPa	kPa	kPa
Gas test point pressure	Low	kPa	kPa	kPa	kPa	kPa

Action taken key:

✓ = Inspected and working correctly no action required

A = Adjustment of part

C = Cleaning of part

R = Replaced part

Warranty Service
Australia 1-300-650-644
seeleyinternational.com



To owner/user: please note that as explained in your Warranty Card, installation is not covered by the warranty (for example, electrical and gas connections to the Space heater). However, we still require that you have these things checked, because they can affect the performance (and/or safety) of the heater. This is why we have included them in the Maintenance Schedule. Further, routine maintenance may be required more frequently in non-domestic applications or when operating in adverse environmental situations. It is your obligation to ensure that you comply with these requirements.

Seeley International Pty Ltd has a policy of continuous product development and therefore reserves the right to make changes to these specifications without notice. Whilst every care has been taken to assure the accuracy of the data compiled in this document, Seeley International does not assume any liability for errors and/or omissions.

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Seeley International Pty Ltd ACN 23 054 687 035

Albury manufacturing plant

77 North Street Albury, NSW 2640



634173d Version 1-11-13

Caring for your heater

Cleaning	Use a damp cloth to wipe over the front cover and the inlet and outlet louvres. DO NOT use solvents or abrasive cleaners as they may damage the surface.
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If your heater stops working

If your heater stops working, it is recommended that the following simple checks be carried out prior to requesting a service call - this may avoid an un-necessary service charge.

Problem	Potential cause/check
No indicator lights.	- Check heater is plugged in and power point is switched on - press ON/OFF.
Can't turn on.	- Check CHILD LOCK is turned off.
Burner does not ignite.	- Check/increase set temperature. - Gas turned off at gas meter - if turned off contact installer or gas supplier.
Room too slow to heat up.	- Check ECO mode is turned off. - Check doors and windows are closed. - Check that heated air outlet is clear, move furniture well away from front of heater (3m). - Check/increase set temperature.

Fault messages

Your Braemar Ecostar heater uses inbuilt fault diagnosis software to help determine the source of a fault. If the heater detects a fault the heater will turn off and the control panel indicators will flash to indicate the fault code (FC) and the reset action required. Please quote this fault code if requesting a service call - this may enable the problem to be fixed over the phone.

- Red indicators flashing show fault code.
- Green indicator flashing - USER RESET - press and hold ON/OFF button until indicators go off. Press ON/OFF button to turn heater back on.
- Orange and green indicator flashing - SERVICE RESET - service call required.

FC	Indicator flashes	Potential remedy
1	●○○○○○○○○●	User reset.
2	○●○○○○○○○○●	Check flue terminal is not obstructed. User reset.
5	●○●○○○○○○●	Service call.
7	●●●○○○○○○●	Check gas is turned on. User reset.
9	●○○●○○○○●●	Service call.
10	○●○●○○○○○○●	Check inlet and outlet louvres are not obstructed. User reset.
11	●●○●○○○○○○●	User reset.
12	○○●●○○○○○○●	User reset.
13	●○●●○○○○○○●	Check flue terminal is not obstructed. User reset.
15	●●●●○○○○○○●	Check inlet and outlet louvres are not obstructed. User reset.
19	●●○○●○○○○●●	Service call.



If a fault is repeated after a USER RESET or after switching the power to the heater off and back on a service call may be required.

BRAEMAR ECOSTAR GAS SPACE HEATER AND WALL FURNACE OPERATING INSTRUCTIONS FOR MODELS SH18, SH25 AND WF25

