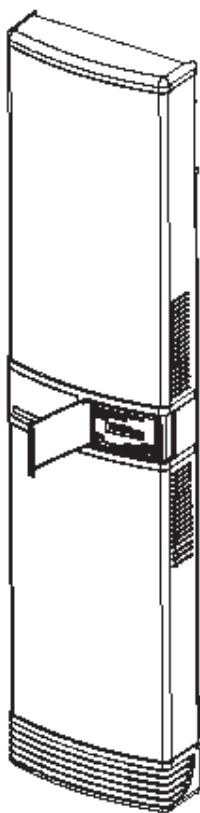




# OWNER'S MANUAL

SEELEY INTERNATIONAL BRAEMAR ECOSTAR POWERFLUE GAS WALL  
FURNACE

PWF30 & PWF40 HEATERS



# HEATER IDENTIFICATION

Model No: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Installation date: \_\_\_\_\_

Installer: \_\_\_\_\_

Installer phone No.: \_\_\_\_\_

**This information  
is to be completed  
by the installer**

## **THIS APPLIANCE MUST BE INSTALLED AND SERVICED BY AUTHORISED PERSONNEL ONLY.**

### **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 wall furnace and have it regularly serviced. It is a condition of warranty cover for your wall furnace 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 wall furnace. Further, it is also a condition of warranty cover that each item in the *Maintenance Schedule* at the back 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 (i.e. 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 Wall furnace MUST BE INSTALLED AND SERVICED BY AUTHORISED PERSONNEL ONLY.**

**DO NOT:** OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTION BOOKLET

**DO NOT:** PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.

**DO NOT:** STORE CHEMICALS OR FLAMMABLE MATERIALS ON OR AGAINST THIS APPLIANCE OR ITS FLUE TERMINAL.

**DO NOT:** SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.

**DO NOT:** OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THIS APPLIANCE.

**DO NOT:** MODIFY THIS APPLIANCE.

**DO NOT:** USE AN ADAPTOR AT THE CYLINDER.

**DO NOT:** USE AN UNLINED MASONRY CHIMNEY AS THE FLUE FOR THIS APPLIANCE.

THIS APPLIANCE REQUIRES PERMANENT VENTILATION FOR THE ROOM WHERE IT IS INSTALLED.

**If supply cord is damaged**, it must be replaced by the manufacturer, it's service agent or similarly qualified persons in order to avoid a hazard.

# IF YOUR HEATER STOPS WORKING

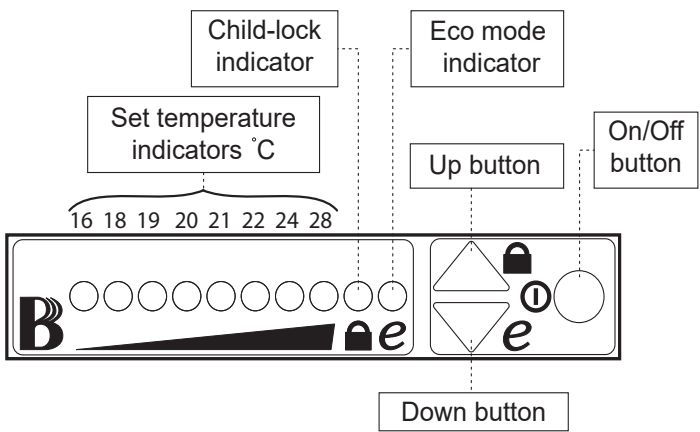
Warranty and service: 1300 650 644      Sales: 1300 650 141  
Before requesting a service call please run through the simple checks in the “*Fault Diagnostics*” section of this manual.

## OPERATING THE HEATER

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 they do not play with the appliance

## HEATER CONTROL PANEL FUNCTIONS



TURNING THE HEATER <b>ON</b>	Press the <b>ON/OFF</b> button. 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 may hear the combustion fan, spark and gas valve opening. A short time after the burner ignites, the room fan will start.
TURNING THE HEATER <b>OFF</b>	Press the <b>ON/OFF</b> button. The set temperature indicators will switch off. The room air fan will continue to run until the heater has cooled sufficiently.
ADJUSTING THE ROOM TEMPERATURE WITH THE HEATER TURNED ON	<p>Increase set temperature: Press the <b>UP</b> button to increase by 1 step.</p> <p>Decrease set temperature: Press the <b>DOWN</b> button to decrease by 1 step.</p> <p>Approximate temperature settings are:</p> <ul style="list-style-type: none"><li>• Minimum: 16°C</li><li>• Maximum: 28°C</li></ul>

## OPERATING THE HEATER

<p>SELECTING/ DESELECTING ECO/BOOST MODE</p>	<p>The heater will normally operate in ECO mode. The <b>e</b> indicator will glow green to show that ECO mode is active.</p> <p>To exit ECO mode and enter BOOST mode press and hold the <b>DOWN</b> button for <b>3 seconds</b>. The green <b>e</b> indicator will go out. The heater will operate at BOOST until the room temperature approaches the desired temperature before switching to low.</p> <p>Press and hold the <b>DOWN</b> button for <b>3 seconds</b> to enter ECO mode again.</p>
<p>ACTIVATING <b>CHILD LOCK</b></p>	<p>Press and hold the <b>UP</b> button for <b>3 seconds</b>. The <b>CHILD LOCK</b> indicator will glow <i>orange</i> to show that the controls are locked. When the <b>CHILD LOCK</b> is active all functions other than <b>OFF</b> are locked. If the heater is turned off while <b>CHILD LOCK</b> is active, the heater cannot be turned back on until you exit <b>CHILD LOCK</b>.</p> <p>To exit <b>CHILD LOCK</b> press and hold the <b>UP</b> button again for <b>3 seconds</b> - the <i>orange CHILD LOCK</i> indicator will go out.</p>

## 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

## IF YOUR HEATER STOPS WORKING

Problem	Potential cause/check
<p>No indicator lights</p>	<ul style="list-style-type: none"> <li>Check heater is plugged in and power point is switched on - press <b>ON/OFF</b> button.</li> </ul>
<p>Can't turn on</p>	<ul style="list-style-type: none"> <li>Check <b>CHILD LOCK</b> is turned off.</li> </ul>
<p>Burner does not ignite</p>	<ul style="list-style-type: none"> <li>Check/increase set temperature.</li> <li>Gas turned off at gas meter - if turned off contact installer or gas supplier.</li> </ul>
<p>Room too slow to heat up</p>	<ul style="list-style-type: none"> <li>Check doors and windows are closed.</li> <li>Check that heated air outlet is clear, move furniture well away from front of heater (3m).</li> <li>Check/increase set temperature.</li> </ul>

# FAULT DIAGNOSTICS

Your Braemar Ecostar PowerFlue Wall Furnace 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 note this fault code if requesting a service call as this may enable the problem to be fixed over the phone.

- Red indicators flashing show fault code.
- Green indicator flashing - USER CONTROL RESET - press and hold ON/OFF button until indicators go off. Press ON/OFF button to turn heater back on.
- If fault persists after a USER CONTROL RESET turn power to the heater off at the power outlet for 10 seconds then turn power back on.
- Orange and green indicator flashing - turn power to the heater off at the power outlet for 10 seconds then turn power back on.

**If fault persists further assistance can be obtained by contacting Seeley International Service Department. See back page for contact details.**

FC	Indicator Flashes	Potential Remedy
1	●○○○○○○○○●	Service call.
2	○●○○○○○○●●	Service call.
3	●●○○○○○○●	Auto reset.
5	●○●○○○○○○●	Service call.
7	●●●○○○○○○●	Check gas is turned on. User control reset. If persistent, service call
9	●○○●○○○○●●	Power On/Off. Service call.
10	○●○●○○○○○●	Check inlet and outlet louvres are not obstructed. User control reset. If persistent, Service call.
11	●●○●○○○○○●	User control reset. If persistent, Service call.
15	●●●●○○○○○●	Check inlet and outlet louvres are not obstructed. User control reset.
16	○○○○●○○○○●	Power On/Off. If persistent, Service call.
19	●●○○●○○○○●●	Service call.



# WARRANTY TERMS AND INFORMATION

## HOW TO REGISTER YOUR PRODUCT WARRANTY (Australia & New Zealand only)

Please register your warranty online by visiting [seeleyinternational.com](https://www.seeleyinternational.com) and selecting RESIDENTIAL section on the top right hand side of the screen. Then follow these steps:

- Step 1 Select SUPPORT then REGISTER A PRODUCT FOR WARRANTY
- Step 2 Enter your product serial number and "SUBMIT"
- Step 3 Enter the required information and "SUBMIT"

Alternatively, go to

<https://www.seeleyinternational.com/residential/support/register-a-product-for-warranty/> which will take you directly to the product warranty registration page.

Important Note: You need to have the following information to complete your registration:

- your unit model and size
- serial number
- date your system was installed
- name of the dealer you purchased it from

*Please complete this section. You will also need to retain your purchase receipt, and if your warranty period was extended by us, your proof of the extension.*

Customer Name:	<input type="text"/>
Installation Address:	<input type="text"/>
Country:	<input type="text"/>
Suburb:	<input type="text"/>
Brand:	<input type="text"/>
Model:	<input type="text"/>
Serial No:	<input type="text"/>
Type of Installation:	<input type="text" value="Residential / Non-residential / Commercial"/>
Date of Installation:	<input type="text"/>
Installer/Dealer:	<input type="text"/>

### PRIVACY NOTICE

Seeley International Pty Ltd ABN 23 054 687 035 will use the personal information you provide us with to provide warranty support for the product you have purchased and to inform you about other products and services. If you choose not to supply us with the information requested, we may be unable to provide you with warranty support. We may also disclose your information to third parties, such as related entities; retailers, distributors, service agents and contractors who are affiliated with us; or marketing or market research companies. If you would prefer not to receive direct marketing communications from us, please follow the instructions to "unsubscribe" which will be included in the direct marketing communications we send you, or contact our Privacy Officer using the details set out below. While we do not currently transfer personal information to recipients who are outside Australia or New Zealand or store personal information outside Australia, if we transfer your information to third parties who do so, we will take reasonable steps to ensure that the overseas recipients do not breach the Australian Privacy Principles or if you are a New Zealand customer, the New Zealand Privacy Principles. By registering your warranty, you consent to having your personal information used in this way. Please read our Privacy Policy on our website [www.seeleyinternational.com](https://www.seeleyinternational.com) for further explanation of how we collect, use, hold and disclose personal information, and how you may access and seek correction of your information. It also sets out how you may complain about a breach of the Australian Privacy Principles or if you are a New Zealand customer, a breach of the New Zealand Privacy Principles, and how we will deal with your complaint. You may contact us at: Privacy Officer, Seeley International Pty Ltd, 112 O'Sullivan Beach Road, Lonsdale, South Australia 5160.

In this warranty:

**We** or **us** means Seeley International Pty Ltd ABN 23 054 687 035, and our contact details are set out at the end of this warranty;

**You** means you, the original end-user purchaser of the Goods;

**Supplier** means the authorised distributor or retailer of the Goods that sold you the Goods in Australia or New Zealand;

**Goods** means the product, unit, appliance or equipment which was accompanied by this warranty and purchased in Australia for installation and use only in Australia, or purchased in New Zealand for installation and use only in New Zealand; and

**Relevant Warranty Period** means the various warranty periods as described in clause 1 and clause 3 below, as appropriate.

For Australian customers: Our Goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Goods repaired or replaced if the Goods fail to be of acceptable quality and the failure does not amount to a major failure.

In addition to any rights and remedies that You may have under the Australian Consumer Law, the Customer Guarantee Act 1993 (New Zealand) or any other law, subject to the terms of this warranty, We provide the following warranty:

1. If, during the first two (2) years from the date of purchase when the Goods are used (i) for personal, residential household purposes or (ii) in commercial installations for the purpose of keeping people warm, and otherwise for one (1) year for non-domestic heating applications, and during any extended warranty period that may be agreed to in writing by us, the Goods upon examination prove defective by reason of improper workmanship or material, We will repair or replace at our option, the Goods or any part thereof without charge for either parts or labour, during normal working hours. Should we deem in our absolute discretion to replace the Goods, we may substitute any similar good even if it is not on our current price/equipment list. Further, Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the Goods. Where we repair or replace the Goods or any part thereof under this clause 1, the warranty granted under this clause shall apply to the Goods or parts used to effect the repair or replacement, but only for the then remaining portion of the warranty period.

2. The warranty granted under clause 1 applies to all components which form part of the original Braemar gas heater, but does not cover:

- (a) fair or normal wear and tear;
- (b) damage, loss or claims caused by, resulting from, or arising out of any utilities that service or are connected to the Goods, electrical surges, inadequacies, failure, or other problems in or with any electricity, power, water, or gas supply to the Goods;
- (c) after the first year: (i) the replacement, supply, or servicing of consumable items (including without limitation washers and seals) and (ii) maintenance adjustments to the gas heater (including without limitation gas pressure, ignition, flame sensing, filter, and airflow adjustments); and
- (d) installation (including without limitation ductwork, fittings, return air filters and other related installation components) which is excluded.
- (e) batteries (including damage caused by leaking or faulty batteries), cracking or breaking of display screens in controllers, physical damage caused by the user or third parties, and accidental breakage

3. If during the first ten (10) years the Heat Exchanger or Gas Burner prove defective by reason of improper workmanship or material, We will repair or replace the relevant Parts, or alternatively replace the Goods, at our discretion. The warranty under this clause 3 only includes the costs of the Parts or Goods, You will be responsible for any costs of labour. Should we deem in our absolute discretion to replace the Parts or Goods, we may substitute any similar good or Goods even if it is not on our current price/equipment list. Further, Parts presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the Goods. Further, refurbished Goods, or alternatively Goods of the same age or condition, may be used to replace the original Goods. Where we repair or replace the Parts (or alternatively replace the Goods) under this clause 3, the warranty granted under this clause shall apply to the Parts used to effect the repair or replacement (or if the Goods were replaced, to the Goods used to effect the replacement) but only for the then remaining portion of the warranty period.

4. We are under no obligation to repair or replace the Goods or Parts under clause 1 or clause 3 if (i) the Goods have not been operated, serviced, and maintained in accordance with the instructions provided in the Owner's Manual, (ii) any such service or maintenance has not been properly or competently performed, (iii) the Goods have not been installed and commissioned in accordance with the installation instructions, or (iv) the Goods have not been installed and commissioned properly or competently. It is a condition of warranty cover that each item in the Maintenance Schedule in the Owner's Manual (if it was published with such a Schedule) 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 a Maintenance Schedule in the Owner's Manual, will void your warranty.

5. The addition of any third party device, (except where it is required by the installation instructions and complies with those instructions), or the removal or alteration of any Braemar component, or damage due to misuse of the unit, or faulty installation or commissioning, will void this warranty.

6. As far as the law permits, We will not be liable for any consequential loss suffered through, or resulting from, the non-operation, or ineffective operation of the gas heater. The warranties granted under clause 1 and clause 3 do not cover damage to the gas heater or other loss resulting from acts of God.

7. No other person, company or corporation is authorised to offer, or give on our behalf, any other warranty. Nothing in this warranty shall be construed as affecting any rights You may have under all the relevant laws, or Commonwealth or State

Legislation (Australia) or New Zealand laws, which give You rights which cannot be modified or excluded by agreement. The benefits conferred are in favour of You and any person deriving title to the Braemar gas heater whilst in its original place of installation.

8. In order to claim under the warranties granted under clause 1 or clause 3 You must:

- (a) • contact us within the Relevant Warranty Period. Australia: 1300 650 644  
New Zealand: 0800 589 151

OR

- log a warranty claim at our website [www.seeleyinternational.com](http://www.seeleyinternational.com) within the Relevant Warranty Period.  
AND

(b) make available for inspection by the Seeley International service agent who will come to the location of the Goods (or send to us at the address below) and within the Relevant Warranty Period: (i) the legible and unmodified original proof of purchase, which clearly indicates the name and address of the original retailer, the date and place of purchase, the product name or other product serial number, (ii) all of your records of all service and maintenance carried out to the Goods, plus the maintenance Schedule in the Owner's Manual (if it was published with such a Schedule) (iii) a copy of the completed Warranty Information page in this warranty, and (iv) if an extended warranty period was agreed to in writing by us, then the relevant document provided by us confirming that extended warranty period. (If you choose to send the documents described in (i) to (iv) to us, then there is an additional requirement: they must be accompanied by a covering letter which states your name and address, daytime telephone number, the address at which the Goods are installed, and the model and serial number of the Goods.)

9. The warranty granted in clause 1 covers the costs of parts and labour and the warranty granted in clause 3 covers the costs of parts within the Relevant Warranty Period but in both cases You will be responsible for :

(a) The cost of travel incurred for a Seeley International service agent to get to and from the location of the Goods if the Goods is either: (i) outside the metropolitan areas of the capital cities; or (ii) more than 35 kilometres from an authorised Seeley International branch or service representative;

(b) Any costs for additional labour or equipment associated with gaining acceptable and safe service access to the Goods installed in restricted, high or unsafe locations, and/or the removal and replacement of any barrier, walls, floors, roofs, fences etc.; and

(c) Any costs incurred by the Seeley International service agent in gaining access to the Goods which is necessary to comply with any safety or workplace safety requirements and/or any other relevant regulations. For the avoidance of doubt, the reference to any costs incurred also includes the costs of any necessary site inductions.

10. We are not responsible in any way for any failure and/or inadequate performance of the Goods which arises from or is connected to the use in the Goods of non-genuine spare parts. We strongly recommend that only spare parts supplied or approved by us are used in the Goods.

11. We, our employees, and our Executive are not responsible for the installation of the Goods and expressly disclaim all liability resulting from incorrect installations or installations that do not conform to local electrical codes, local plumbing codes, Occupational Health and Safety requirements, and by laws which are legislated or in effect at the time of installation.

12. This warranty is only valid and enforceable in Australia and New Zealand.

(For New Zealand, this warranty only applies to goods that We supply specifically for distribution and sale in New Zealand.)

Note: It is important that the safety and privacy of our service technicians is protected at all times. Accordingly, We and our Seeley International service agents reserve the right to refuse service if (i) safety and accessibility to the unit cannot be guaranteed or (ii) the owner of the unit, occupant of the site where the Goods are located, or any other third party seeks to take photographs, or make a video or audio recording, of the service technician(s) while they are on the site or carrying out service to the unit. If a service technician attends the site but subsequently leaves for any of these reasons then a service charge will be made for the call which charge shall be a debt immediately due and payable by the person or entity that has made the claim under this Warranty.

If a service call reveals no warranty fault found with the gas heater, a charge will be made for the call.

Our liability under this warranty is limited to the extent permitted by law. That is, to the extent that it is fair and reasonable, if the Goods are not of a kind ordinarily acquired for personal, domestic or household use or consumption, your remedies associated with any failure or defect of the Product will be limited to:

- (a) the replacement of the Goods or the supply of equivalent goods;
  - (b) the repair of the Goods;
  - (c) the payment of the cost of replacing the Goods or of acquiring equivalent goods; or
  - (d) the payment of the cost of having the Goods repaired
- and subject to the terms and conditions included in this warranty.

You can register your warranty with us on our website. See the instructions on page 5.

Service Department

Seeley International Pty Ltd

112 O'Sullivan Beach Road

Lonsdale, South Australia 5160

Customer service centre 1300 650 644 (Australia) 0800 589 151 (New Zealand)

Website: [www.seeleyinternational.com](http://www.seeleyinternational.com)



# MAINTENANCE AND WARRANTY INFORMATION

It is a condition of your warranty cover that the items in the *Maintenance 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					
<b>Cabinet and components</b>					
Cabinet					
Heat exchanger					
Electrical connections					
Combustion air inlet louvres					
<b>General installation</b>					
Rear register					
Flue system, cowl					
<b>Electrical</b>					
Electrical wiring					
Room fan motor / impellor					
PCB's and ignition module					
Pressure switch/s and hoses					
Combustion fan suction pressure					
<b>Gas, burners, ignition</b>					
Burners and injectors					
Ignition electrode					
Flame sense electrode					
<b>Operation</b>					
Start up and run sequence					
Control operation					
Cross-lighting					
Gas inlet pressure					
Gas test point pressure	High				
Gas test point pressure	Low				

Action taken key:

✓ = Inspected and working correctly no action required

C = Cleaning of part


A = Adjustment of part

R = Replaced part

Warranty Service

Australia: 1300 650 644

seeleyinternational.com



To owner/user: please note that as explained in the warranty information, installation is not covered by the warranty (for example, electrical and gas connections to the wall furnace). 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.



**WHEN YOUR PRODUCT REQUIRES SERVICING, PLEASE  
QUOTE SERIAL NUMBER AND MODEL NUMBER**

PLACE  
SERIAL No/MODEL No  
LABEL HERE

**Warranty (Australia & New Zealand only)**

To register your warranty, go to:

<https://www.seeleyinternational.com/residential/support/register-a-product-for-warranty/>



**AUTHORISED SERVICE AGENTS**

1300 650 644

**MANUFACTURED BY: SEELEY INTERNATIONAL PTY LTD**

*77 NORTH ST, ALBURY NSW 2640, AUSTRALIA*

It is the policy of Seeley International to introduce continual product improvement.

Accordingly, specifications are subject to change without notice.

Please consult with your dealer to confirm the specifications of the model selected.

