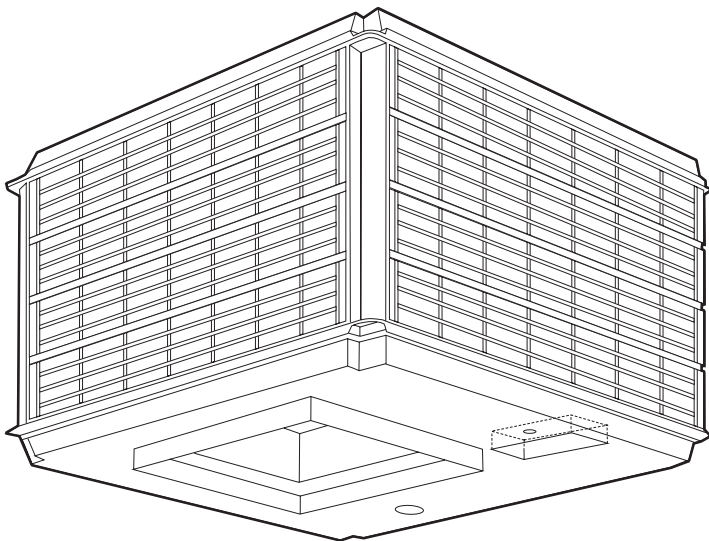


OWNER'S MANUAL

EA Evaporative Coolers



(English)

Hello and congratulations on purchasing a Braemar® evaporative air conditioner for your home.

At Seeley International we manufacture Braemar® evaporative air conditioners from the highest quality materials, and we have designed the product to provide many years of economical, trouble-free cooling.

Please take a few moments to read these operating instructions, so that the most can be gained from this investment. Keep these instructions in a safe place for future reference.

Braemar air conditioners are fitted with a Wall Mounted Control. Please refer to the relevant section in this manual for instructions on how to operate the system. Also, please be aware of the components and features that are fitted to your particular cooler.

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 the use of the appliance by a person responsible for their safety. Children should be supervised to ensure they do not play with the appliance.

Effective Cooling

To provide efficient cooling or ventilation the building must have sufficient exhaust openings to the outside of the building. To assist air flow, open windows and doors that are farthest from the outlet vent in each room. In these rooms, provide an exhaust opening about 2 times the vent size of the room.

Where the design of the building prevents adequate exhaust, consideration should be given to the provision of mechanical extractions, such as an exhaust fan.

Important Notes!

In areas where temperatures can cause water supply pipes to freeze, a drain down facility should be provided during the installation. This drain down facility must be activated prior to freezing conditions, to avoid possible damage to the air conditioner components.

If the supply cord is damaged, it must be replaced by a Seeley service agent or similarly qualified person in order to avoid hazard.

New hose sets supplied with the appliance are to be used. Old hose sets (from previous installations) should not be re-used.

Power Outages

If the power in your home is interrupted the air conditioner will retain its current settings. That is, it will stop for the time the power is off but resume operation when the power comes back on again.

Health Regulations

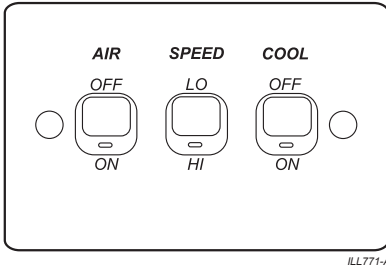
In some states, regulations require that evaporative air conditioners be serviced at specific intervals.

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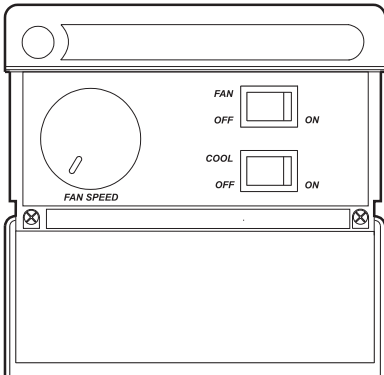
WALL CONTROL TYPES

TWO SPEED WALL CONTROL



ILL771-A

VARIABLE SPEED WALL CONTROL



ILL768-A

WALL CONTROL FUNCTIONS

TWO SPEED AND VARIABLE SPEED AIR CONDITIONERS.

Your evaporative air conditioner has control switches to provide for the benefits of fresh air ventilation and cooling at high and low air flows. There are two types of control switches available: Two Speed and Variable Speed.

Your control panel offers independent control for the fan and cooling functions.

TO START THE AIR CONDITIONER

1. Switch the COOL control on.
2. Turn on the AIR (fan) control and using

The SPEED switch (HI/LO switch or Variable knob), select the fan speed you require.

When ventilation only is required (air flow with no cooling) turn the COOL switch off, and select the fan speed to provide the air flow you require.

TO STOP THE AIR CONDITIONER

Switch the COOL control off, then switch the AIR control off.

USING YOUR AIR CONDITIONER

Evaporative air conditioners provide very effective cooling by drawing outside air through filter pads saturated with water. This water washes the air and cools it by the process of evaporation. There are a number of operating techniques and circumstances of which you should be aware to get the best performance from your evaporative air conditioner.

To provide effective cooling or ventilation, the air conditioner must be operated with sufficient openings to exhaust the air. For example: windows, doors or ducts. The location of the opening(s) will determine the pattern of cool air flow. The following are the minimum opening sizes required in square metres:

Unit	Area (m ²)
EA 90	0.4
EA 120	0.6
EA 150	0.8

WALL CONTROL FUNCTIONS cont.

In light wind conditions more cooling can be obtained by opening additional windows and doors. In windy conditions close openings facing the wind.

Generally, openings opposite the supply vents are best. Some experimentation will soon show the arrangement most suited to your requirements. For a multiple outlet system, this is generally 1 (one) window opened 100 to 150 mm per outlet.

For a short time, when operating with new filter pads, you may detect an odour like "wet timber". This is the filter material becoming conditioned to use.

In many areas the water supply is quite hard. When this water is evaporated through the filter pads, the hardness is deposited as a scale on the pad. To reduce this scale build-up and to retain efficient filter pads a small amount of water is bled from the system.

The continuous drain of small amounts of water ensures that fresh water is added to dilute any build-up of scale or salts. The bleed rate for your air conditioner will depend on local operating conditions and will be adjusted during installation.

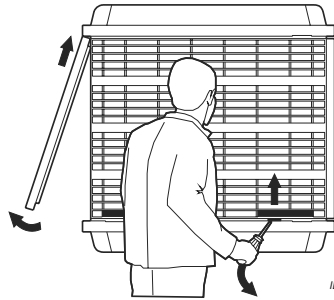
SEASONAL MAINTENANCE

To ensure that your air conditioner continues to provide reliable service for many years, it requires some routine maintenance. There are two forms of maintenance:

1. Pre and post season maintenance, and
2. Routine preventative maintenance.

PRE-SEASON MAINTENANCE

- Turn off the water supply.
- Turn off the power supply.
- Remove the filter pad frames. Insert a screwdriver into the slots at the bottom of the pad frames and lever upwards. Pull the bottom of the pad frames away, then lower the frames out of the cabinet.



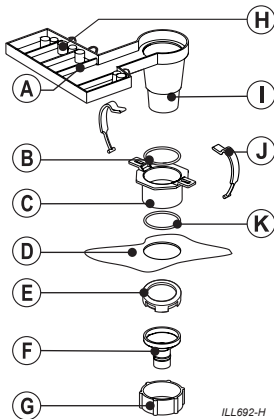
- Turn off the isolating switch.
- Hose both sides of the filter pads CAREFULLY (do not use excess water pressure as this may create "holes" in the pad material). Ensure that the woodwool pad material is evenly distributed, especially make sure that there are no gaps or holes at the TOP of the PADS.
- Check and, if necessary, clean the water spreaders located inside the roof above the filter pads.
- Drain the water from the unit by removing the overflow or overflow bleed funnel.
- Check pulleys for wear and correct alignment.
- Check V belt for wear.
- Thoroughly clean and dry the bottom of the water tank.
- Replace filter pad frames. Ensure they are the correct way up.

SEASONAL MAINTENANCE cont.

- If water flow appears low, there may be a problem with foreign material clogging the pump or pump strainer. To correct, remove pump, dismantle base, clean and re-assemble.

POST-SEASON MAINTENANCE

- Turn off the power supply to the air conditioner.
- Remove pad frames
- Turn off the isolating switch inside the air conditioner.
- Remove pad frames. Clean them by hosing them with clean water, but do not use excess pressure because you might create holes in the pad media.
- Remove and clean the special water "spreaders" located under each edge of the top panel. Do not disconnect from water hose. When replacing them, check underneath to see that the spreaders are correctly located in the notches under the top panel.
- Drain all the water from the air conditioner by removing the overflow or overflow bleed funnel. Do NOT put it back until next season. Do not lose the O-ring seal.
- Disconnect the water supply pipe from the tank. Make sure no water is left in the float valve.
- Clean the bottom tank thoroughly.
- Replace pads frames.
- Cover the air conditioner for winter if desired.



LEGEND

- A - Ribs
- B - O'Ring
- C - Threaded Bush
- D - Tank (Reservoir)
- E - Nut
- F - Drain Adaptor
- G - Lock Nut
- H - Removable Plugs
- I - Bleed Tray
- J - Spring Clip
- K - O'Ring

SEASONAL MAINTENANCE cont.

ROUTINE PREVENTATIVE MAINTENANCE

All units can benefit from routine preventative maintenance. This may be required more frequently if you are operating under harsh conditions, in adverse environmental situations, in very dusty areas or running for long hours.

We require that the following components and the operation thereof, be checked after the first year, then every 2 years as routine maintenance.

1. Belt drive.
2. Pump.
3. Fan motor operation and current.
4. Float valve.

WARNING! As your air conditioner is mounted on the roof, we suggest that any maintenance or checks be carried out by an authorised Braemar dealer or service agent. Climbing onto the roof can be hazardous and could result in injury to you and damage to your property.

Failure to carry out regular maintenance will affect your warranty coverage.

CHECK YOUR LOCAL REGULATIONS

In some areas and for some commercial installations local regulations have specific requirements for the maintenance of evaporative air conditioning systems.

Generally these involve regular cleaning and maintenance at (3) monthly intervals or more frequently if necessary.

ROUTINE SERVICE CHECKLIST

Service Item	Check/adjust	Clean	Replace
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WATER DISTRIBUTION SYSTEM

Aspen pads (replace as required)			
Base/water reservoir			
Pump filter basket			
Water distribution system			
Washers and seals (replace as required)			
Drain operation (no flow restrictions)			
Bleed rate set			

COMPONENT FUNCTION

Pump operation			
Bleed/Overflow operation			
Motor operation (set motor amps where required)			
Wall control operation			

GENERAL OPERATION

Water level set point			
Water distribution across pads (no dry spots)			
Airflow through system / outlets			
General product condition			

Note! Includes correct refitting of all components and items, and any required replacements.

Service No.	Service Date	Service Technician	Service Company
No.1
No.2
No.3
No.4
No.5

TROUBLE SHOOTING

It will not take long for you to get to know the features of your air conditioner, but in case you encounter difficulties here are a few hints to help keep you cool:

Symptom	Cause	Action
Inadequate cooling	Dry pads, or lack of water while air conditioner operating.	Check that the tap is turned on. Check pump and pump strainer. Check water distribution systems. Ensure pump (COOL) is turned on.
	Insufficient air discharge openings to allow air to exhaust from areas being cooled..	Adjust door/window opening.
	Pads shrunk away from the top corners (woodwool pads only)	Tease the woodwool out evenly or replace pads.
	Air restriction in ductwork.	Call Dealer to investigate and rectify.
No air flow	Clogged or dirty filter pads.	Clean or replace pads.
	Circuit breaker tripped or unit fuse blown.	Replace the fuse specific to that unit. (See Braemar Installation Manual).
	Broken fan V belt	Replace V belt
	Electrical fault.	Call Service (see Rear cover).
Air flow, but not cool	Insufficient water reaching filter pads.	Ensure water supply to unit is turned on. Clean pump filter.
	Pump failure.	Call Service to repair.
Fan stops and then restarts	Motor overload.	The fan motor is fitted with an automatic thermal overload protector which will be reset when the motor cools down. If the motor stops and starts continuously, it should be investigated for a fault by a qualified Technician.
Continuous overflow of water	Float valve adjustment.	Adjust float valve.
	Incorrect bleed rate.	Adjust bleed rate. Included on each bleed tray are plastic plugs with matching holes. With all plugs inserted, bleed rate is maximum. If you decide that the amount of bleed is too much, remove the plug/s from the bleed tray one at a time until the desired amount is achieved.

HOW TO REGISTER YOUR PRODUCT WARRANTY (AUSTRALIA ONLY)

Warranty Information section

HOW TO REGISTER YOUR PRODUCT WARRANTY (Australia only)

Please register your warranty online by visiting www.seeleyinternational.com and following these steps:

Step 1 Select "GET SUPPORT" and "REGISTER A WARRANTY"

Step 2 Select the brand of the product you purchased

Step 3 Enter the required information and "Submit"

(Alternatively, if you have a smart phone or tablet, using an app you can scan the QR code on the back of the manual provided with the cooler, which will take you directly to the web page for product warranty registration.)

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 proof of any warranty period extension.

Brand: _____

Model: _____

Serial No: _____

Customer Name: _____

Installation Address: _____

Installation Type: Residential / Non Residential / Commercial

Date of installation: _____

Installer / Dealer: _____

WARRANTY TERMS AND INFORMATION (AUSTRALIA ONLY)

Warranty Details (Australia only)

In this warranty:

We or us means Seeley International Pty Ltd (Seeley) 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;

Goods means the product, unit, appliance or equipment which was accompanied by this warranty and purchased in Australia; and

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

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 or any other law, subject to the terms of this warranty, We provide the following warranty:

1.
 - a. Subject to clause b. below, if during the first five (5) years from the date of purchase when the Goods are used for personal, residential household purposes, and for two (2) years for any other purpose 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.
 - b. For Braemar EA Model evaporative coolers, the warranty periods in clause a. above shall be as follows:
 - Braemar EA variable/two speed: the first mentioned period shall also be five (5) years. The second mentioned period shall also be two (2) years, but only if the Goods are used for a commercial purpose.
 - Braemar EA Plug Connect: the warranty period shall be two (2) years, regardless of whether the Goods are used for personal, residential household purposes or any other purpose, however the warranty shall only cover the cost of parts, not labour or any other charge.
2. The warranty granted under clause 1 applies to all components which form part of the original evaporative air cooler, 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 cooler pads, washers, seals, drive belts) and (ii) maintenance adjustments to the evaporative air cooler; and
 - d. installation (including without limitation ductwork, fittings, return air filters and other related installation components) which is excluded.
3. Seeley also warrants the structural integrity of all components made from our exclusive Permatuf polymers for ten (10) years and your evaporative air cooler cabinet (base, top, corner supports, side panels, fan and fan housing) against damage caused to it by all forms of corrosion for twenty five (25) years.
4. During the period to which any expressed warranty applies, all defective part(s) shall be replaced or repaired (at the discretion of Seeley) without charge for either parts or labour, during normal working hours. Should we deem in our absolute discretion to replace the Goods pursuant to clause 1 or clause 3, 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.

WARRANTY TERMS AND INFORMATION (AUSTRALIA ONLY)

cont.

5. We are under no obligation to repair or replace the Goods or Parts under clause 1 and 3 above if (i) the Goods have not been installed and commissioned in accordance with the Installation Manual (ii) the Goods have not been installed and commissioned properly or competently, (iii) the Goods have not been operated, serviced and maintained in accordance with the instructions provided in the Owner's Manual, or (iv) if any such service or maintenance has not been properly or competently performed. 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. 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 Seeley 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 evaporative air cooler. The warranties granted under clause 1 and clause 3 do not cover damage to the evaporative air cooler 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. The benefits conferred are in favour of You and any person deriving title to the evaporative air cooler whilst in its original place of installation. Nothing in this warranty shall be construed as affecting any rights You may have under all the relevant laws, or Commonwealth or State Legislation which give You rights which cannot be modified or excluded by agreement.
8. In order to claim under the warranties granted under clause 1 or clause 3 You must:
 - a. either:
 - contact us within the Relevant Warranty Period on 1300 650 644; or
 - log a warranty claim on our website (website address below) within the Relevant Warranty Period; and
 - b. make available for inspection by the service agent who will come to the location of the Goods or send to us at the address below 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 section above, and (iv) if an extended warranty period was provided by Seeley International for the Goods, then the relevant document provided by Seeley International confirming that extended warranty period. If you choose to send the documents described in (i) to (iv) to Seeley International, then they must be accompanied by a covering letter which states your name and address and 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 and clause 3 covers the costs of parts and labour (note that under clause 1 for Braemar EA Plug Connect models only parts are covered, not labour) but 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 location of 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; and
 - 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, 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 cost of any necessary site inductions.
10. Seeley International is 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. Seeley International strongly recommends that only spare parts supplied or approved by it are used in the Goods.

WARRANTY TERMS AND INFORMATION (AUSTRALIA ONLY)

cont.

11. The employees and Executive of Seeley International 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.

Note: Seeley and its service agents reserve the right to refuse service unless safety and accessibility to the unit can be guaranteed. If a service call reveals no warranty fault found with the Goods, 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.

Service Department

Seeley International Pty Ltd

112 O'Sullivan Beach Road

Lonsdale, South Australia 5160

Customer service centre 1300 650 644

Website: www.seeleyinternational.com

FOR SERVICE

Service call Booking

To book a Service on your Seeley International product Online visit www.seeleyinternational.com

Step 1 Select "GET SUPPORT" and "REQUEST A SERVICE BOOKING"

Step 2 Click on "SERVICE REQUEST"

Step 3 Select the brand of the product you require a service on and follow the prompts, or Phone 1300 650 644 to be directed to your closest authorised Service Agent

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 overseas recipients or store personal information overseas, 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*. 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 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, 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.

NOTES

**When you contact your Dealer regarding service or warranty
please quote the air conditioner model number as shown below.**



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

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.