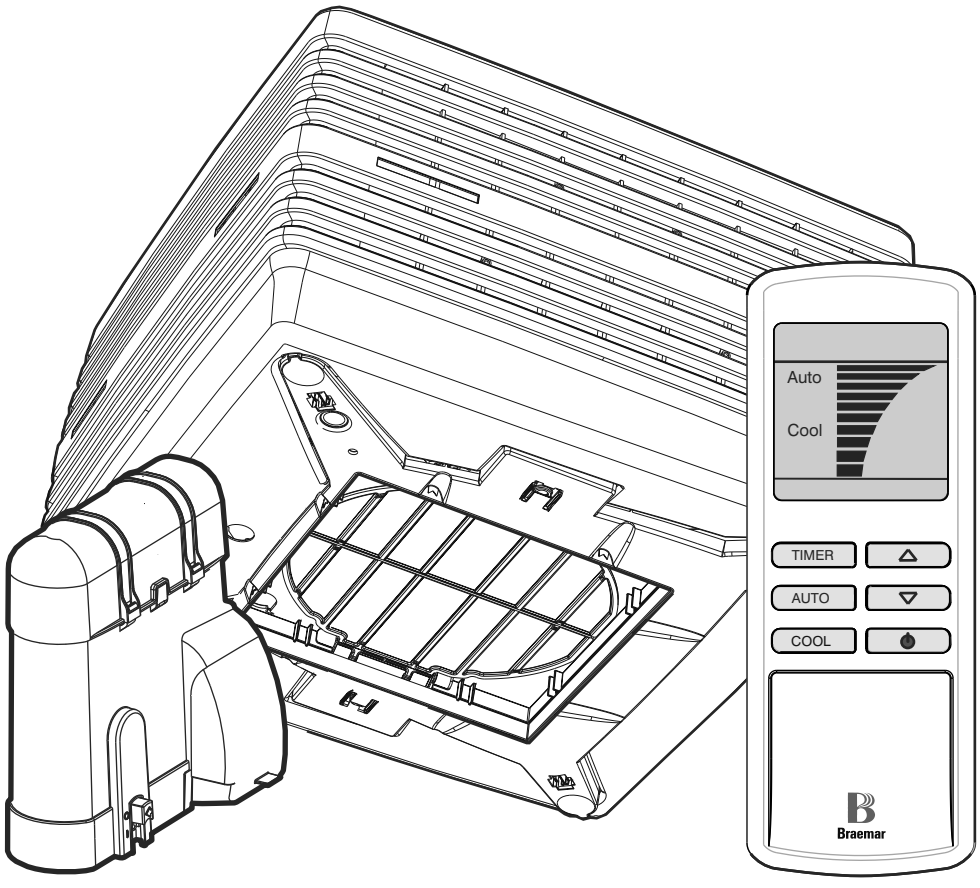
SEELEY INTERNATIONAL

UPGRADE MANUAL

CPMD Replacements for Braemar & Coolair Coolers
Braemar Wall Control



ILL1128-B

(English) (CPL/LCA)

Braemar® HEATING COOLING

coolair®

INDEX

Installation instructions

Braemar/Coolair Red Control Box Conversion Kit to CPMD

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SAFETY

EMPLOYER AND EMPLOYEE RESPONSIBILITIES

The installation and maintenance of evaporative air conditioning units at height has the potential to create Occupational Health and Safety issues for those involved. Installers are advised to ensure they are familiar with the relevant State and Federal legislation, such as Acts, Regulations, approved Codes of Practice and Australian Standards, which offer practical guidance on these health and safety issues. Compliance with these regulations will require appropriate work practices, equipment, training and qualifications of workers. Seeley International provides the following information as a guide to contractors and employees to assist in minimising risk whilst working at height.

Installer and Maintenance Contractors

A risk assessment is an essential element that should be conducted before the commencement of work, to identify and eliminate the risk of falls or to minimise these risks by implementing control measures.

Risk Assessment

A risk assessment of all hazardous tasks is required under legislation.
There is no need for this to be a complicated process, it just is a matter of looking at the job to be done and considering what action(s) are necessary so the person doing the job does not injure themselves.
This should be considered in terms of:

- What are the chances of an incident happening?
- What could the possible consequence be?
- What can you do to reduce, or better still, completely get rid of the risk?

Some points to consider:

- What is the best and safest access to the roof and working areas?
- If a worker is alone, who knows they are there and if they get into difficulty, how can they summon help? (Call some one on the ground? Mobile phone? etc.)
- What condition is the roof in? Should the trusses, underside or surface be checked?
- Does the worker have appropriate foot wear? (Flat sole jogger type is advisable)
- Are all power cables / extension leads safe and appropriately rated?
- Are all ladders, tools and equipment suitable in good condition?
- Where ladders are to be used, is there a firm, stable base for them to stand on? Can they be tied or secured in some way at the top? Is the top of the ladder clear of electricity supply cables?
- Is there a roof anchor to attach a harness and lanyard to? If so, instruction should be issued for the use of an approved harness or only suitably trained people used.
- Are all tools and materials being used, prevented from slipping and falling onto a person at ground level? Is the area below the work area suitably protected to prevent persons walking in this area?
- Does the work schedule take into account weather conditions, allowing for work to be suspended in high winds, thunder storms/lightning or other types of weather giving wet, slippery surfaces?
- Is there an on-going safety check system of harnesses, ropes, ladders and access/lifting equipment and where they exist on roofs, anchor points before the commencement of work?
- Is there a system which prevents employees from working on roofs if they are unwell or under the influence of drugs or alcohol?
- Are there any special conditions to consider i.e. excessive roof pitch, limited ground area, fragile roof, electrical power lines?

OTHER IMPORTANT REQUIREMENTS

- Never force parts to fit because all parts are designed to fit together easily without undue force.
- Never drill any holes in the primary base surface or side walls of the bottom tank (reservoir) of the cooler.
- Check the proposed cooler location, to ensure that it is structurally capable of supporting the weight of the cooler, or provide an adequate alternate load bearing structure.

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.

Removal Instructions

AXIAL COOLERS ONLY

WARNING: ELECTRICAL WORK MUST ALWAYS BE CARRIED OUT BY A QUALIFIED ELECTRICAL WORKER

Isolate the Cooler at the switchboard ensuring that the circuit breaker or fuse cannot be turned on or re-installed whilst work is being carried out on the Cooler.

Isolate water supply to the Cooler.

Remove all 4 pads (side panels) from Cooler and put them safely aside allowing access to the Cooler Controls. (Fig. 1)

a) To open the red control box; remove the two retaining screws on the lid.

b) Remove motor capacitor and retain for connection to new CPMD controller. Care must be taken when disconnecting capacitors as they may retain a residual charge.

c) Disconnect the communication cable (black low voltage loom) .This cannot be used to operate the new wall controller. However, it can be used as a draw wire to pull through the new four wire communication cable.

d) Disconnect the mains power (240 Volt) wiring to the terminal box.

e) Disconnect the motor wiring from the terminal box (take care to note down wiring configuration i.e. Fan run, Fan start, Fan neutral and earth).

f) Disconnect the pump wiring from the terminal box (take care to note down wiring configuration i.e. Pump active, Pump neutral and earth).

5. Drill out the two 5mm pop rivets on the side of the cooler (Fig 2) and remove terminal box and mounting plate.

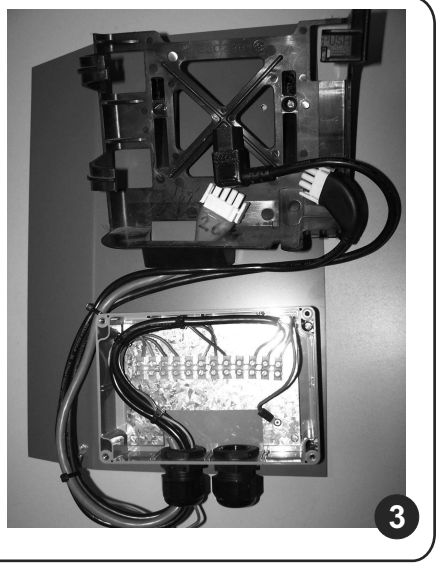
Installation Details

AXIAL COOLERS ONLY

1. **Axial Units Only** Fit the new mounting plate and Control box (Fig. 3) to the cooler corner pillar using pop rivets supplied. Line up old holes with those in new mounting plate.

IMPORTANT SAFETY: This control box panel must be mounted so that it can never be immersed when water pump is in operation.

2. Use the original communication cable as a draw wire to pull through the new four wire communications cable.



WARNING: The original cable used to operate the red control box is not compatible to CPMD and cannot be used.

3. The existing motor, pump and mains cables are to be connected in the waterproof terminal enclosure. Trim these cables of their existing connectors as the are not required.

4. Feed cables through 25mm gland provided. Tighten gland once cables are in place.

IMPORTANT SAFETY: Do not allow cables to be immersed in water.

5. Fit all cables as per the wiring configuration noted down when disconnecting motor from red control box. If required refer to page 8 for a guide of various wiring configurations.

IMPORTANT: For motors with a separate start capacitor fit the capacitor from the original red control box to the top of the CPMD using the wires supplied. Once capacitor is connected, fit cover to the CPMD controller.

IMPORTANT: For units where a start capacitor is directly wired into the motor, fit a shorting loop to the top of the CPMD as shown in (Fig 5 ,Page 5).Once shorting loop is connected, fit capacitor cover to the CPMD controller .

6. Plug motor, pump and mains cables into CPMD and fit to mounting bracket.

7. Connect new four wire communication cable to the CPMD.

WARNING: The original communication cable used to operate the Red control box is not compatible to CPMD and cannot be used.

8. Reinstate power to the cooler and turn on isolator on CPMD. Ensure LED's operate as required for normal operation of the CPMD. Detail of the LED's can be found in the commissioning and troubleshooting section of these instructions (page 6).

Refit all side panels and test the fan and pump operation.

Removal Instructions

CENTRIFUGAL COOLERS ONLY

WARNING: ELECTRICAL WORK MUST ALWAYS BE CARRIED OUT BY A QUALIFIED ELECTRICAL WORKER

Isolate the Cooler at the switchboard ensuring that the circuit breaker or fuse cannot be turned on or re-installed whilst work is being carried out on the Cooler.

Isolate water supply to the Cooler.

Remove all 4 pads (side panels) from Cooler and put them safely aside allowing access to the Cooler Controls. (Fig. 1)

a) To open the red control box; remove the two retaining screws on the lid.

b) If a separate motor capacitor is located inside the red control box, remove and retain for connection to new CPMD controller. Care must be taken when disconnecting capacitors as they may retain a residual charge.

c) Disconnect the communication cable (black low voltage loom).This cannot be used to operate the new wall controller. However, it can be used as a draw wire to pull through the new four wire communication cable

d) Disconnect the mains power (240 Volt) wiring to the terminal box.

e) Disconnect the motor wiring from the terminal box (take care to note down wiring configuration i.e. Fan run, Fan start, Fan neutral and Earth).

f) Disconnect the pump wiring from the terminal box (take care to note down wiring configuration i.e. Pump active, pump neutral and earth).

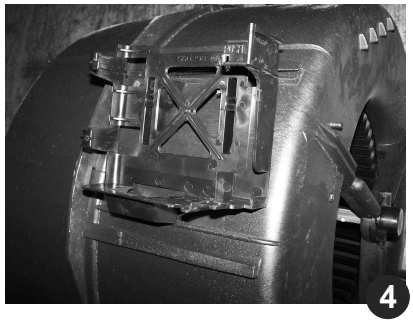
5. Remove the red box base from the scroll.

Installation Details

CENTRIFUGAL COOLERS ONLY

1. **Centrifugal Units Only** Remove black plastic CPMD mounting bracket, the waterproof terminal enclosure from the aluminium plate, the earth lead will also be required to be removed (no longer required) ready to mount onto scroll.

b) Fit the CPMD box mounting bracket to scroll (Fig 4).



2. Fit waterproof terminal enclosure to scroll, underneath CPMD Box.

3. Fit a shorting loop to the top of the CPMD box (Fig 5).

IMPORTANT: For units where a start capacitor is directly wired into the motor, fit a shorting loop to the top of the CPMD as shown in (Fig 5). Once shorting loop is connected, fit capacitor cover to the CPMD controller.

IMPORTANT: For motors with a separate start capacitor fit the capacitor from the original red control box to the top of the CPMD using the wires supplied. Once capacitor is connected, fit cover to the CPMD controller .

4. Use the original communications cable as a draw wire to pull through the new four wire communications cable.

WARNING: The original communication cable used to operate the red control box is not compatible to the CPMD and must not be used.

5. The existing motor, pump and mains cables are to be connected in the waterproof terminal enclosure. Trim these cables of their existing connectors as they are not required.

6. Feed cables through 25mm gland provided. Tighten gland once cables are in place.

IMPORTANT SAFETY: Do not allow cables to be immersed in water.

7. Fit all cables as per the wiring configuration noted down when disconnecting motor from red control box. If required refer to page 7 for a guide of various wiring configurations.

8. Plug motor, pump and mains cables into CPMD and fit to mounting bracket.

9. Connect new four wire communication cable to the CPMD.

10. Re-instatepower to the cooler and turn on isolator on CPMD. Ensure LED's operate as required for normal operation of the CPMD.

Details of the LED's can be found in the commissioning and troubleshooting section of these instructions (page 6).

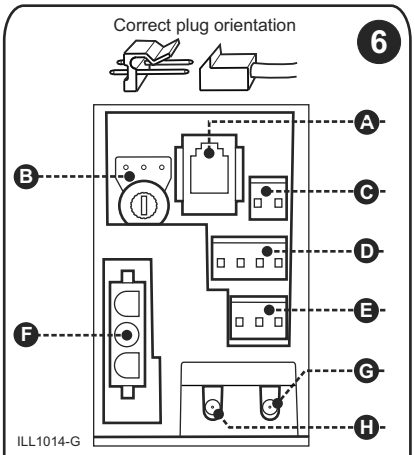
Refit all side panels and test the fan and pump operation.

Commissioning the cooler

Testing the Cooler

We recommend that you have a short test lead on hand for Coolers with a hard-wired control system. You can then take the Wall Control to the roof and control the Cooler from there. This will save you a lot of time.
The short test looms are available from your Seeley Spare Parts Distributor (P/No: 831534).

Power up the Cooler using the on/off switch on the CPMD Electronics Module. Test Motor and Pump operation. Look at the front of the Module where 2 light emitting diodes (LEDs) are situated. The left LED is “tricolour” and can glow green, red or amber.The right LED is red only. If the left hand LED is double flashing green, everything is OK, this is normal operation. (Fig. 6)



(Connection points).
A = Wall Control / Remote Receiver.
B = Fan motor minimum speed adjust.
C = Inlet solenoid.
D = Water probes (or shorting plug for Homemakers).
E = Drain valve.
F = Pump.
G = Red diagnostic LED.
H = Tri colour diagnostic LED.

Tri-Color (Green, Amber or Red)
Electronic Module Diagnostic Indicator

Not Illuminated
No power to Electronic Module, or failure has occurred

Green double flash (every 2 seconds)
Normal operation

Red
WaterMANAGER Diagnostic Indicator

*** Red LED should not be on.**

Commissioning the Cooler

The following information allows quick diagnosis at start up -
The "Tricolour LED" acts as a general diagnostic indicator, and will function as follows:
Green double flash every 2 seconds indicates the control is running normally.
If it does not glow at all, then there is either no power to the CPMD Electronics Module (check Isolating Switch, circuit breaker, Plug and Socket connection in the roof space),or a failure has occurred.

Red flashing LED indicates the following fault codes are present:

1 Red Flash indicates.....Fault Code #1 - Communication Failure between CPMD and Wall control.
Check cable and plugs.

5 Red Flashes ..... Check shorting pin location as per Fig.6 .

If after installation on initial power up the word **“SERVICE”** appears on the screen of the wall controller.
Push and hold “DOWN” button on the wall controller until the word **“SERVICE”** disappears from the screen. This may take up to 10 seconds.

Operating Adjustments

Setting the Motor Current (Centrifugal units only)

Important! The Motor Pulley and Belt tension need to be adjusted to ensure that the Motor is running at its rated capacity.
If the current is set too low, the Cooler will not perform to its optimum capacity, and the Motor speed control may not work effectively.
If the current is too high, the Motor may cycle on its internal over-temperature safety cut-out. It is most important that the motor current is set correctly.
Before setting the motor current please ensure that:

- The CPMD Electronics Module is fitted securely, and all leads have been plugged in correctly.
- Windows and doors in rooms to be cooled are open sufficiently, and all pad frames except the ones on the motor side and pulley side are in place.

Operating Adjustments

(1).....Run the Motor at maximum speed by operating the Cooler with the Wall Control set to “MANUAL” mode, maximum fan speed, ventilation only.

WARNING! Ensure that the pump is not running.

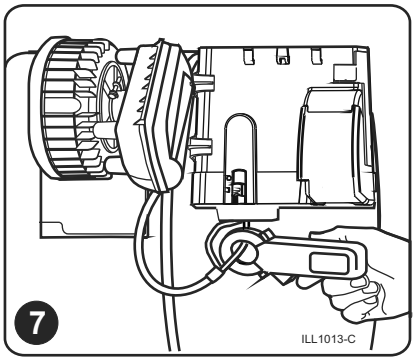
(2).....Continue running the Motor for 10 minutes (warms up the Motor) before proceeding with the current measurement. During this period carry out general system checks including airflow, etc.

(3).....Measure the Motor current with the Seeley clamp meter (P/No: 118635) or suitable equivalent. Attach the clamp meter around one of the motor cables as shown below. (Fig. 7)

Compare the measured current with the rated current. If the measured current is less than, or greater than the rated current, the adjustable pulley should be altered accordingly. See heading "Pulley Adjustment" below.

The measured current should be equal to, or within half an amp below that of the motor rated current. It must never be more than the rated current.

Replace all covers when adjustments are complete.



Commissioning the cooler

Pulley Adjustment
(Centrifugal units only)

Important! Never attempt this adjustment with the Cooler operating. Pulley adjustment is made with the Cooler power isolated at the CPMD Electronics Module.

(1)..... Remove the drive Belt.

(2).....To adjust the Pulley: Remove the securing Screw that holds the locking cap in place, and then remove the cap. (Fig. 8)

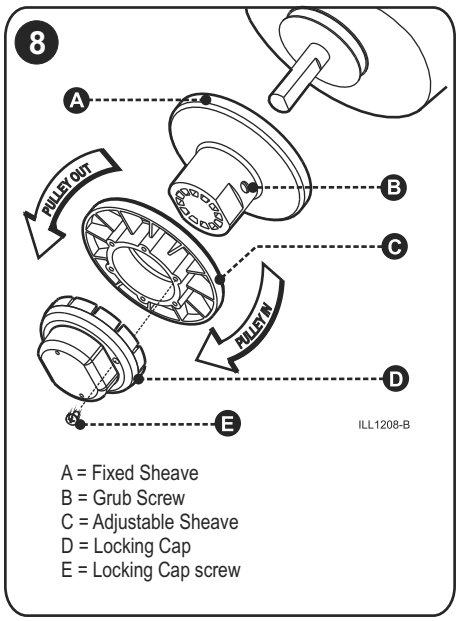
The adjustable half of the Pulley is now free to be adjusted by rotating it on its thread.

(3).....To increase the Blower speed and therefore increase the amps, the two halves of the Pulley must be closer together, i.e. turn the adjustable half clockwise (Pulley in).

(4).....To decrease the Blower speed and therefore decrease the Motor amps, the two halves of the Pulley must be further apart, i.e. turn the adjustable half anticlockwise (Pulley out).

(5).....When an adjustment is made: Replace the Locking Cap, aligning the screw hole with the nearest hole in the adjustable Pulley half. Lock it into place with the securing Screw. Refit the Belt (ensure tension is correct, i.e. no slipping and not too tight, as this will affect the Motor current) then check the amps.

(6).....Smaller adjustments should be made each time you approach the desired setting.



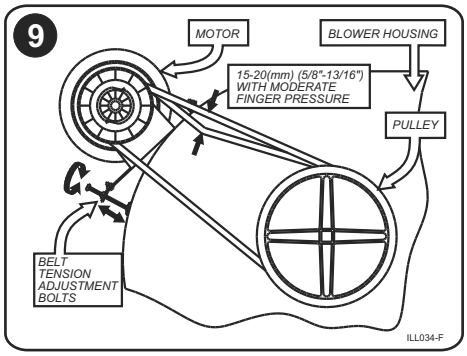
A = Fixed Sheave
B = Grub Screw
C = Adjustable Sheave
D = Locking Cap
E = Locking Cap screw

Operating Adjustments
Belt Tension
(Centrifugal units only)

Note! This adjustment must be done immediately after the Motor current adjustment has been completed.
Belt tension is important; if it is too tight there will be excessive Belt and Bearing wear. If it is too loose there will be Belt slip and excessive wear, accompanied with noise and loss of Cooler performance.

Note! Adjusting belt tension is not the correct way to alter Motor current. The current can only be altered by adjusting the Motor Pulley.

The Belt tension should be adjusted so that the maximum deflection is 15mm-20mm when a reasonable force (approx 1.5kg) is applied. (Fig. 9)



There are two Bolts for adjusting Belt tension. These are located on the Motor Mounting Plate. To make the adjustment, loosen the Locking Nuts on the two Adjusting Bolts on the Motor Mounting Plate. Tighten or slacken the Belt Tension by screwing the Bolts in or out respectively. When the adjustment is correct, tighten the Locking Nuts again.

It is important to check the Motor current rating again after making any alterations to the Belt tension. This may require a further adjustment to the Motor Pulley, which may have been slipping, giving an incorrect reading.

Motor Low Speed Setting

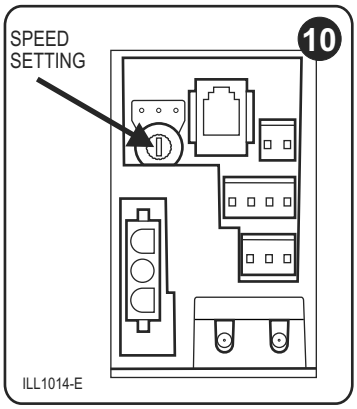
The minimum speed has been factory set,and should not require adjustment under normal circumstances. However, some adjustment may be necessary to suit specific installations.
After you have set the Motor current and Belt tension correctly, check the speed variation of the Cooler. When the control is changed from maximum to minimum settings, there should be an easily recognizable difference in Fan speed. If there is not, check the following:

(1)..... That windows and doors are open. Rule of thumb is to have 2 times the area of the outlet grille open for exhaust in each room.

Motor Low Speed Setting

(2).....Set the Fan speed to minimum using the Wall or Remote control, so that only one bar is displayed on the Wall Control, or two bars only on the Remote Control.

(3).....Turn the minimum speed adjustment knob clockwise or anticlockwise, until the Belt is running at approximately one revolution per second (this equates to a fan speed of approximately 600 rpm).



Commissioning the Cooler

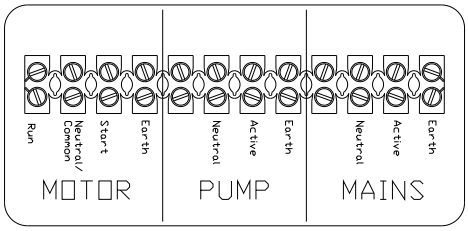
Once the water level is correct, isolate the power; reconnect the Pump plug to the Electronics Module, then restore the power to the Cooler.

It is advisable to check the water level again after the Float Valve seal has “bedded in.” After the unit has been sitting for a time with pressure on the Float Valve, drain and refill the Tank. A small amount of movement in the Float Arm can make a difference in the amount of water in the Tank. Once the water level is correct, isolate the Electronic Module and reconnect the Pump plug.

Testing the Cooler

Once you are satisfied that the Cooler is installed and commissioned correctly, it is important to run the Cooler and ensure that everything is working as it should.

Wiring Configuration



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Fitting existing 240 volt drain valve and inlet water solenoid to CPMD

> **IMPORTANT REMINDER:** *All installation and repair work must conform to local electrical, water supply and environmental codes, rules, regulations and applicable national standards.*

When fitting a CPMD Conversion kit into an RPC/SVC/SSA/SVA/STA, you can either utilise the existing Seeley 240 volt Drain system used with the original red control box (ECP 01, 02, 03 or 04). **Or** completely remove the Drain, Solenoid & Transformer and in place of the Drain fit a Standard 40mm Overflow assembly Pt number 609737 (ordered separately to the CPMD conversion kit). If re-fitting the existing Drain and Solenoid. They can be wired into the pump circuit within the weather proof electrical enclosure supplied with the CPMD Conversion Kit. However, provisions must be made for electrically isolating the drain within the Cooler.

240 volt Drain

- RED to a switched mains active

To allow isolation of the 240 volt Drain valve for maintenance, **a licensed electrician must supply and fit within the cooler, a suitable water proof electrical isolator with IP66 rated cable glands. (Not available from Seeley International).**

- BROWN to Pump Active Terminal
- BLUE to Neutral Terminal

Existing 240/24 volt Transformer is wired with the 240 volt side connected to the pump circuit in the weather proof enclosure.

- 24 volt side of the transformer to the 24 volt water inlet solenoid

OPERATION: Drain closes & Solenoid opens when pump is turned ON. When pump is turned OFF the Drain opens & Solenoid closes. NB: This operation will be exactly as previous with the red control box.

Important: When wiring an existing 240 volt drain, a licensed electrician must break into the incoming mains and provide a switched active using a suitably rated water proof isolator ***(not available from Seeley)***

- Ensure the isolating switch is suitably mounted within the cooler, with care to ensure it cannot get wet.
- Ensure suitably rated (IP66) cable glands are used for cables entering & exiting both the isolating switch and Weather proof electrical enclosures.

BRAEMAR CENTRIFUGAL (Belt driven Drum Fans)

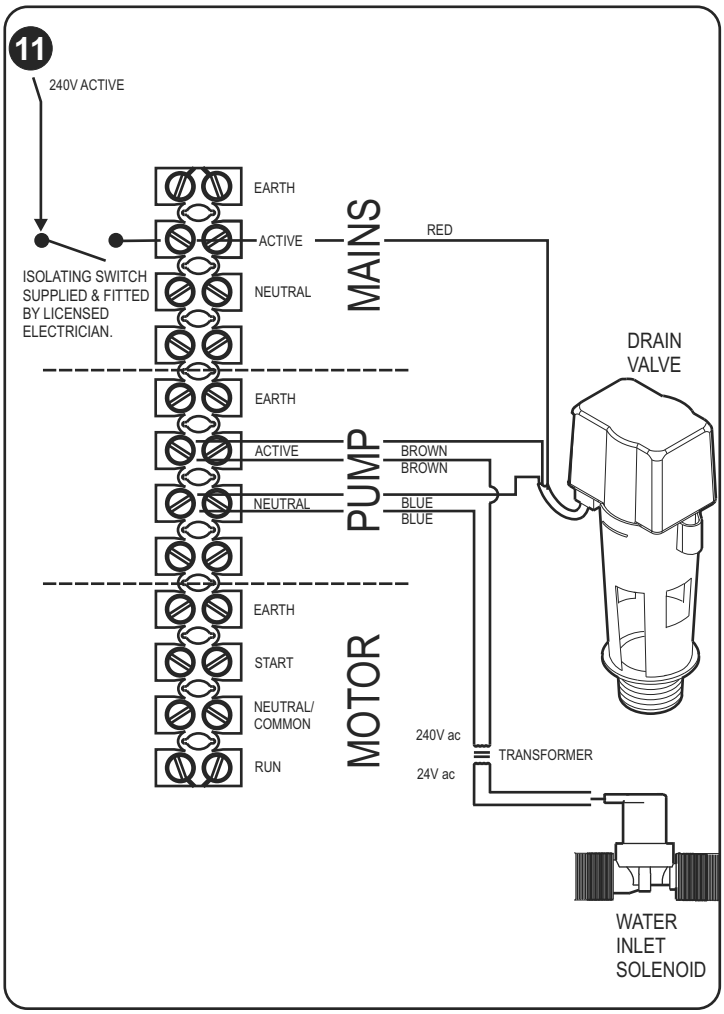
MOTOR TYPE	RUN	START	COMMON
Seeley	ORANGE	BROWN	BLUE
Webster	BLUE	BROWN	BLACK
BCB (Fasco)	BROWN	BLACK	BLUE

BRAEMAR AXIAL (Propellor Fans)

MOTOR TYPE	RUN	START	COMMON
BCB (Fasco) 8088558PVC-A11 8088558QVC-A11	BLUE	BLACK	BROWN/ or WHITE
Able	BROWN/ or ORANGE	BLACK	BLUE

COOLAIR AXIAL (Propellor Fans)

MOTOR TYPE	RUN	START	COMMON
BCB (Fasco)	BLUE	BROWN	BLACK
Rocketship 809454PVB-A14 809454QVB-A14			
Able	BROWN/ or ORANGE	BLACK	BLUE



Locating the Wall Control

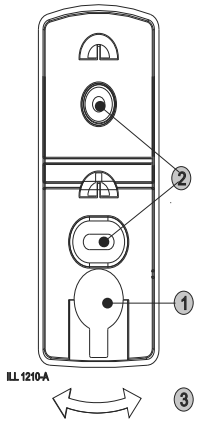
The wall control should be placed approximately 1.5 metres above the floor, in the most used room in the home. This will give the optimum temperature sensing and operating position for the user.

Placement is critical for correct functioning of the themostat (incorporated in the wall control). The following points must be taken into consideration:

- Avoid direct sunlight exposure.
- Avoid mounting on external walls.
- Avoid mounting the wall control near heat sources such as stoves and televisions.
- Do not locate in the direct airflow of the duct outlets.
- Do not locate in strong drafts or in dead spots such as cupboards/drawers.
- Always fill in the cable entry hole. Hot air coming through the wall may interfere with the temperature measurement.

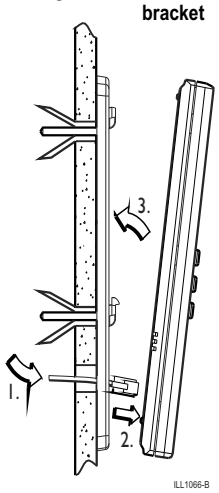
CAUTION! Always make sure there are no electrical cables, gas or water pipes, or the like, behind where you intend to drill.

12 **Fixing the wall control bracket to a plasterboard wall**



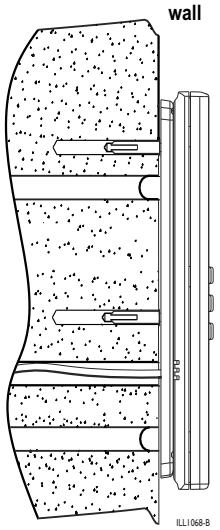
Use the bracket as a template.
1. Drill the 16mm hole for the wall control cable.
2. Drill the 5mm holes for the wall plugs.
3. Insert the wall plugs into the holes. Align and screw the bracket into position using the supplied screws.

13 **Fitting the wall control to the mounting bracket**



1. Pull the wall control cable through the larger hole and plug it into the wall control.
2. Feed the excess cable back into the hole and seal. Slide the Wall Control over the protruding bracket tabs.
3. Pull the wall control down so the bracket tabs engage and locate with the keyway slots on the rear.

14 **Fixing the wall control bracket to a brick wall**



To mount the wall control bracket on a brick wall, follow the previous instructions (Fig 11 using the wall plugs and screws provided. Note that the wall plugs require 6mm holes. Mount the controller following the procedure in Fig 12.

Running the wall control cable to the wall control

Using the loop on the end, draw the cable through the wall cavity to the hole made at the wall bracket. Carefully remove the tape from the cable loops and check that the plug has not been damaged. Connect the cable to the wall control and mount the wall control onto it's bracket.

Important! Take care not to damage the cable or plug during this process. Always seal the cable entry hole.

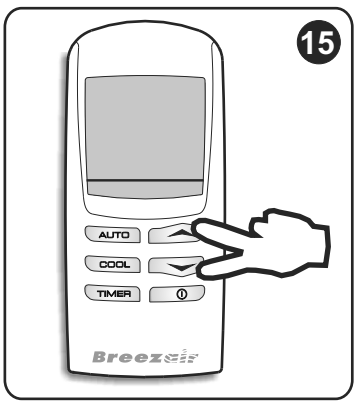
Testing the Cooler

Once you are satisfied that the Cooler is installed and commissioned correctly, it is important to run the Cooler and ensure that everything is working as it should.

For Coolers with Horizon controls, try turning the Cooler on and off with the Remote Control in all of the rooms in the house. This will make sure that the Receiver is located correctly.

Check that the Cooler runs quietly and with an even distribution of air to all outlets.

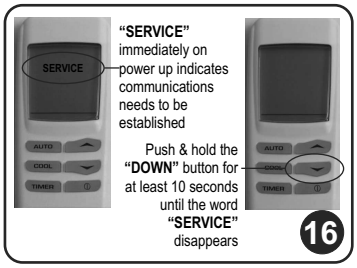
Make sure there are no water leaks. Initiate a drain of the Tank by pressing both the up and down buttons together (Harmony), with the Wall Control in the "OFF" state. Check the drain fittings and pipes, making sure there are no leaks.



Wall control displays "SERVICE"

If on initial start up the word "SERVICE" appears on the controller and by pushing the on/off button - nothing happens.

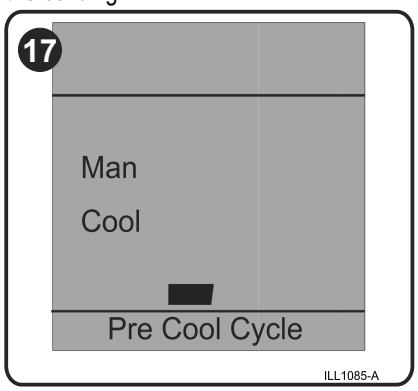
Establish communication between the wall control and the electronic controller. Simply push and hold the "DOWN" button for approx. 10 seconds or until the word "Service" disappears. If by pushing the on/off button a number appears, contact your local Dealer or the Service number on the back of this manual and quote the Fault Code number displayed.



Operating Instructions

Starting your cooler
The On/Off button turns the air cooler on and off.
There are two modes of operation to choose from, Automatic mode or Manual mode. When the air cooler is turned on, it will start in the mode of operation it was in when last turned off.

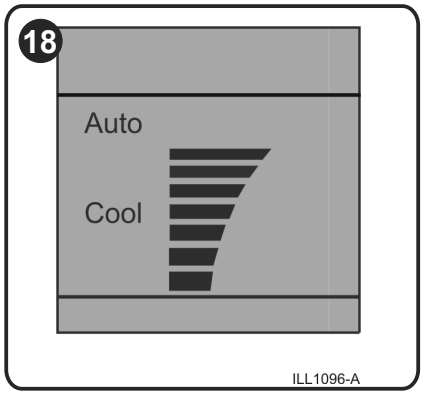
If your air cooler has not been operated for a while, then when you start it, “Pre Cool Cycle” may sometimes flash on the display as shown. This indicates that the water pump will operate to saturate the cooling pads for a few minutes before the fan is turned on. This is to ensure that when the fan starts, only cool air enters the building.



Automatic mode
The AUTO button is used to select Automatic mode or Manual mode. When “Auto” is displayed the cooler is under Automatic control and will operate according to the temperature sensed at the wall control.

When the air cooler is turned on, it will read the temperature and set the cooler operation accordingly. If the temperature increases at the wall control, then the fan speed will increase. As the temperature decreases the fan speed will decrease until the cooler turns off.

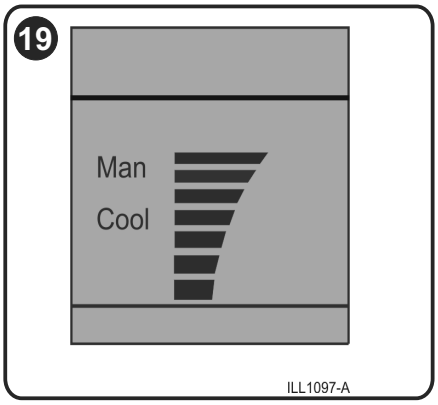
Press ▲ or ▼ to over-ride the automatic cooling level setting and adjust your room temperature.



Manual mode
To switch to Manual mode, press AUTO until “Man” appears in the display. In Manual mode the cooling level can be manually adjusted.

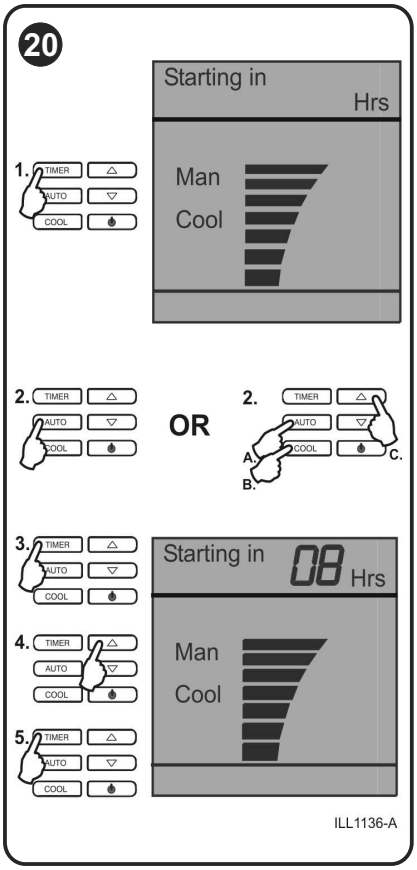
In Manual mode, press **COOL** to choose between circulating cool air or un-cooled air. When “Cool” is displayed, fresh cool air will circulate into the building. When “Vent” is displayed as shown, fresh un-cooled air will circulate through the building.

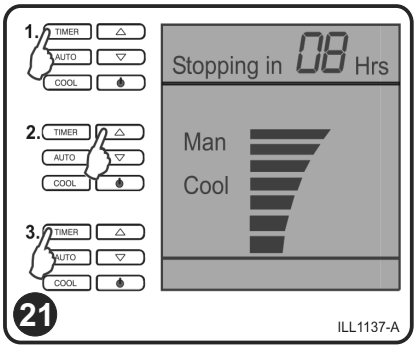
Press ▲ to increase the fan speed and circulate more air. Press ▼ to decrease the fan speed and circulate less air. Press once to change the speed by one increment. Hold the button down to change the speed more quickly.



Timed automatic start
You can set the air cooler so that it will turn on after a set number of hours.

1. To set the delayed start time, press **TIMER** with the cooler turned OFF. “Starting in” will be displayed as shown with the last mode of operation (Manual or Automatic).
2. If you want the air cooler to turn on in Automatic mode with the previous settings, then press **AUTO** until “Auto” is displayed. Alternatively, if you want the air cooler to turn on in Manual mode, press **AUTO** until “Man” is displayed and then press **COOL** and then ▲ or ▼ to set the required fan speed.
3. To set the time until the start, press **TIMER**.
4. Then press ▲ or ▼ to adjust the time. The cooler can start up to 24 hours in advance.
5. Press **TIMER** again to initiate the timed automatic start. The timed start will not repeat.





Timed automatic stop
You can also set the air cooler so that it will turn off after a set number of hours.

1. To set a delayed stop time, press **TIMER** with the cooler running. ”Stopping in” will display.
2. Press ▲ or ▼ to adjust the number of hours before the air cooler will stop. The maximum delay setting is 24 hours.
3. Press **TIMER** again to begin the timed stop.

You can experiment with the settings on your wall control. This is the best way to get the most from your air cooler.

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.

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