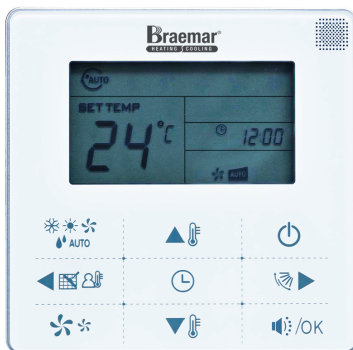


OWNER'S MANUAL

DUCTED INVERTER



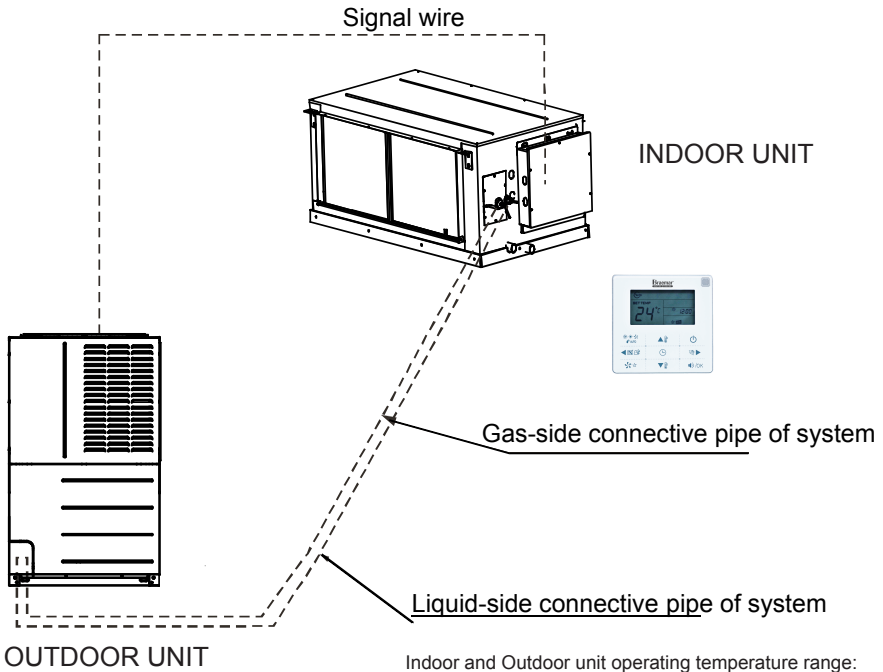
(English) (SDHV 3Phase SERIES)

IMPORTANT As with any product that has moving parts or is subject to wear and tear, it is **VERY IMPORTANT** that you maintain your air conditioner and have it regularly serviced. Accordingly, it is a condition of warranty cover for your air conditioner that you comply with all of the maintenance and service requirements set out in this Manual. Compliance with these requirements will prolong the life of your air conditioner. Further, it is also a condition of warranty cover that the Maintenance Schedule in the Manual is filled out (by signing and dating it in the places indicated) when the item is completed. **ANY FAILURE TO CARRY OUT THE REQUIRED MAINTENANCE AND SERVICING, AND ANY FAILURE TO FILL OUT THE MAINTENANCE SCHEDULE, WILL VOID YOUR WARRANTY.**(For complete warranty terms, refer to the separate Warranty Booklet sold with the product. Alternatively, visit www.braemar.net.au to download the terms. Warranty terms are subject to property access and industry safety standards.)

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MAIN COMPONENTS



Indoor and Outdoor unit operating temperature range:

Mode	Indoor Unit	Outdoor Unit
Cooling	16°C to 32°C	-15°C to 48°C
Heating	16°C to 27°C	-15°C to 24°C

INTRODUCTION & SAFETY

Congratulations on purchasing a new Braemar Air Conditioner!

Please keep this Manual and the Warranty Booklet in a safe place, along with the original purchase documents, plus all relevant certificates of compliance relating to the installation work performed. Please register the Warranty straight away, by following the steps set out in the Warranty Booklet.

The installer must read the Installation Manual before installing the Braemar Ducted Inverter Air Conditioning Unit. The home owner/user should read the Owner's Manual before operating the Unit.

To ensure the warranty on the Unit is continued and valid, the Unit must be checked and serviced by the home owner/user as per the requirements in the Maintenance & Service section and the Maintenance Schedule. This will also prolong the life of your air conditioner.

The home owner/user should regularly check the Air Inlet side of the Outdoor unit (see the diagram on page 2) to ensure grass, leaf and other matter are not drawn into or onto the Inlet side of the Outdoor unit. Restriction to the air flow across the coil will reduce the system's capacity, and result in high operation pressures and excessive operating costs.

A return air filter **MUST** be installed by the installer at the return air grille. The air filter should be inspected and cleaned at least every two weeks

when the Braemar Ducted Inverter Air Conditioning Unit is used. Note: the manufacturer recommends that low level return air grilles are installed.

IMPORTANT!

THE AUSTRALIAN GREENHOUSE OFFICE HAS ISSUED VARIOUS REGULATIONS ON THE USE AND DISPOSAL OF REFRIGERANTS IN THE UNIT. FAILURE TO FOLLOW THESE REGULATIONS MAY HARM THE ENVIRONMENT AND COULD LEAD TO THE IMPOSITION OF SUBSTANTIAL FINES.

WHERE SPECIFIED, ONLY QUALIFIED AND LICENSED TECHNICIANS SHOULD PERFORM WORK ON THIS UNIT, FAILING WHICH THE WARRANTY ON THE UNIT WILL BE VOID.

WARNING! 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.

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

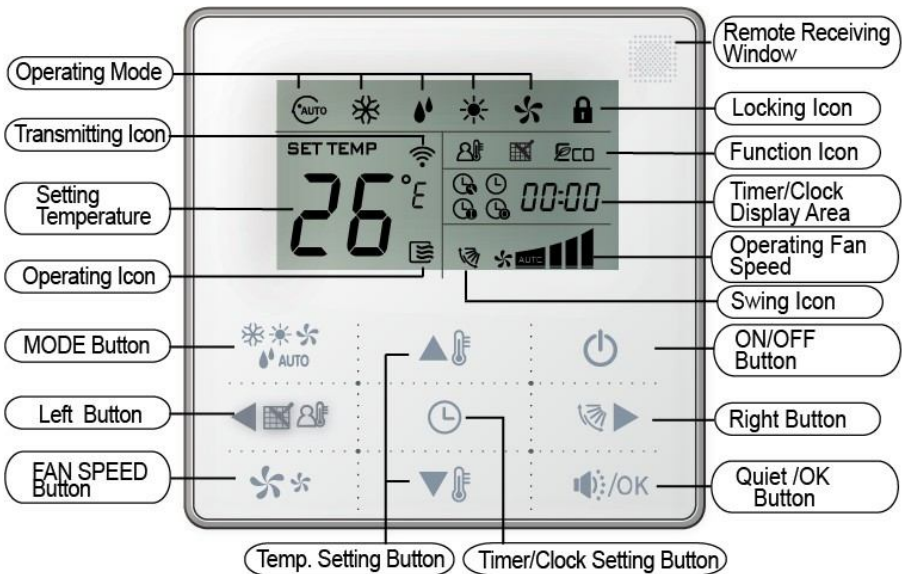
OPERATION

Your Braemar Ducted Inverter Air Conditioning Unit has been designed and built with reliable, quality components. To ensure many years of trouble free, dependable service please read the following pages very carefully, and please ensure that you follow all of the instructions.

WIRED CONTROLLER

Please follow the below cautionary notes when using the wired controller:-

1. Do not install the wired controller in a damp place or under direct sunlight.
2. Do not abuse, toss, or frequently assemble/disassemble the wired controller.
3. Do not operate the wired controller with wet hands and never let any liquid flow into it.
4. Do not install or remove the wired controller by yourself. If necessary, please contact a service agent.
5. This wired controller is applicable to various kinds of air conditioners -some specific functions are unavailable for the ducted air conditioner covered in this manual.
6. Before operating the air conditioner, please read this manual carefully and keep it in a safe place for future reference.






CONTROLLER LAYOUT



Appearance and LCD Icons

OPERATION cont.

On / Off Function:

Press the On/Off  icon to activate or deactivate the air conditioning system.

When  is pressed, and the air conditioner switches on,  will be displayed on the wall control.

When  is pressed, and the air conditioner switches off,  will disappear from the screen on the wall control.

Mode Function:

Press the  button to change the system mode as follows:

AUTO, COOL, DRY, HEAT, FAN

AUTO: In this mode the system will automatically change from heating to cooling as required to maintain the desired set temperature

COOL: In this mode the air conditioner will only cool, regardless of how cold the space may get.


DRY: This mode is used for dehumidifying, this is particularly useful during mild weather where cooling is not required, but, the space becomes humid due to the number of people in the space, moisture given off by cooking or other influences.


HEAT: In this mode the air conditioner will only heat, regardless of how warm the space becomes.

FAN: In this mode, the system will not heat, cool or dehumidify. This mode operates the indoor fan only and will only circulate air within the space.



Follow Me:


When the system is running in AUTO, COOL or HEAT mode, press  will activate "Follow Me". This function changes the location of the temperature sensing point from the return air to the wired wall control.

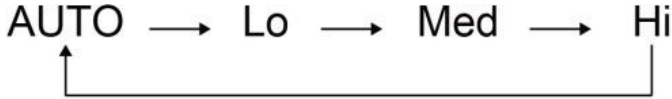
This function is canceled when  is pressed again or when the system is switched off.

Whilst activated, the following icon is displayed: 

OPERATION cont.



Fan Speed Setting:

Under COOL, Heat and/or FAN modes, press the fan speed button  to adjust the fan speed setting. After each fan speed button press, the selector will circle as follows: AUTO - LOW - MEDIUM - HIGH






NOTE: Under AUTO and DRY modes, the fan speed is not adjustable. The default is AUTO fan speed.







Temperature Setting:

Under AUTO, COOL, DRY, HEAT modes, press the temperature setting buttons  and  to set the temperature, the adjusting range is 17°C~30 °C

NOTE: The temperature cannot be adjusted under FAN mode.

"Timer On" and "Timer Off" settings:

Press the timer/clock setting button , then enter into the **Timer On** setting status, and screen will display  and 

Press the buttons  or  to adjust the timer. If the setting is less than 10 hours, each press  or  will increase or decrease 0.5 hour. When the timer setting is more than 10 hours, each press  or  will increase or decrease 1 hour, the maximum timer setting is 24 hours.

After finishing timer settings, press /OK button, or, wait for 5 seconds to confirm and exit the timer on setting screen.


Press the timer/clock setting button , then enter into the **Timer Off** setting status, and screen will display  and 







The setting method of Timer Off is the same as Timer On setting method.


To cancel Timer On or Timer Off setting: While under the setting parameter, adjust time to 0.0h, or, Press the On/Off button to switch the unit and timer off.

OPERATION cont.


Clock Setting:


Press the timer/clock button  for 3 seconds, and then enter into the clock setting status.

The hour position of the clock will flash, press  and  to adjust the hour value. After setting the hour value, press left button  or right button  to switch to the minute position setting, the minute position will flash, press  and  to adjust the minute value.

After setting the clock, press /OK button or wait 5 seconds to confirm and exit clock setting state.


Quiet Operation:

Under COOL, HEAT, FAN modes press the /OK button to set the unit into "Quiet" mode, this will reduce the fan to low speed.


NOTE: Under AUTO, DRY mode, the fan speed is AUTO and the /OK button does not work.

Lock Function:

Press the temperature buttons  and  simultaneously, and the wired control will enter a locked state and the icon  will be displayed.

To exit Lock mode, repeat above action and the  will not be displayed and the buttons will function as per normal.

Air Filter Reminding Function:

The wired wall control records the total running time of the indoor unit, when the accumulated running time reaches the pre-set value, the air filter cleaning reminder icon  will be displayed.

After cleaning the filter, press  for 3 seconds to reset the filter timer and the clean filter icon will not be displayed.

MAINTENANCE & SERVICE

AIR FILTER

It is important to check and clean the air filter as per the Maintenance Schedule below. A dirty air filter will not allow the correct amount of clean air to pass through your air conditioner, resulting in poor performance and increased running costs. You should ask the installer to show you where the air filter is located. To clean the air filter, it should be removed and then cleaned with a vacuum cleaner. If it is very dirty, wash it with soapy water and then wipe off. Make sure it is completely dry before refitting it. You should never operate the air conditioner without the air filter in place.

INDOOR COIL (REFER PAGE 2)

The indoor coil does not have any moving parts, but it is advisable to have the drain and duct connections checked on an annual basis (as set out in the Maintenance Schedule below). Drains can become blocked by all types of insects, and rats have been known to chew through the drain to get to the water in the pipe.

OUTDOOR UNIT (REFER PAGE 2)

The Outdoor unit has either one or two fans, it draws air through the appliance to expel the heat generated during the cooling cycle. We recommend checking that plants haven't grown into or around the air intake or outlet, along

with other debris that may build up over time, namely, leaves and the like.

REFRIGERANT

The refrigerant is the life blood of your air conditioning unit. Not only does the correct refrigerant charge provide you with reliable and economical cooling, it also provides the cooling for the compressor. A lack of refrigerant, due to a leak, will cause the compressor to overheat and expire prematurely. You will notice a decline in cooling effect and an increase in power consumption. Therefore, having a qualified, licensed technician service your air conditioner will save you money in the long term.

PLEASE REFER TO THE NEXT PAGE FOR THE MAINTENANCE SCHEDULE

MAINTENANCE SCHEDULE

Installation Date:	/	/	Installer:	
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Items to be done by the Home Owner/User (please sign in the places indicated)							
	Monthly	Annually	Year 1	Year 2	Year 3	Year 4	Year 5
Air filter cleaning	✓						
Air filter replacement		✓					
Maintain required clearance around Outdoor unit		✓					

Items to be done by a Qualified Licensed Technician (Home owner/user must ensure that the technician signs and dates in the places indicated)	
	Annually
Check, clean or replace filter	✓
Check drain from indoor coil	✓
Check Outdoor unit clearances – maintain garden and debris	✓
Check refrigerant charge	✓
Check refrigeration connections for soundness	✓
Check outdoor fans	✓
Check electrical connections	✓
Check ductwork (including but not limited to: duct, fittings, zone dampers, grilles)	✓
Check overall installation	✓
Report to the home owner/user all tasks that require attention	✓

Year 1 – Date:	/	/	Technician:	
Year 2 – Date:	/	/	Technician:	
Year 3 – Date:	/	/	Technician:	
Year 4 – Date:	/	/	Technician:	
Year 5 – Date:	/	/	Technician:	

Please NOTE: the Maintenance Schedule covers Year 1 to Year 5. To preserve your investment for many years afterwards, we strongly recommend that you continue to maintain and service the Braemar Ducted Inverter Air Conditioning Unit as per the items and frequency set out in the Schedule, and as indicated elsewhere in this Manual.

OPERATION TIPS

The following events may occur during normal operation:

1. Protection of the air conditioner.

Compressor protection

- The compressor cannot restart for 3 minutes after it stops.
- The supply air drops below a pre-determined set point; this prevents the indoor coil from freezing.

2. A white mist coming out from the Indoor unit.

- A white mist may generate due to a large temperature difference between air inlet and air outlet on COOL mode in an indoor environment that has a high relative humidity.

3. Low noise of the air conditioner.

- You may hear a low hissing sound when the compressor is running or has just stopped running.

This sound is the sound of the refrigerant flowing or coming to a stop.

- You can also hear a low “squeak” sound when the compressor is running or has just stopped running.

This is caused by heat expansion and cold contraction of the plastic parts in the Unit when the temperature is changing.

4. Dust is blown out from the Indoor unit.

This is a normal condition when the air conditioner has not been used for a long time or during first use of the Unit.

5. A peculiar smell comes out from the Indoor unit.

This is caused by the Indoor unit giving off smells permeated from building material, from furniture, smoke (for example if someone is cooking food), or from the duct work.

6. FAN operation during COOL mode.

When indoor air temperature reaches the setting on the wired wall control, the compressor will stop operating and after approximately 60 seconds the indoor fan will stop blowing air. When the room temperature rises back above the set point, the indoor fan and the compressor will start again.

TROUBLESHOOTING

Problem	Probable Cause	Remedy
1. The air conditioner does not run.	1.1 Power failure. 1.2 Fuse blown or circuit breaker open. 1.3 Thermostat adjustment too low (in heating mode) or too high (in cooling mode).	1.1 Wait for power to resume. 1.2 Replace the fuse or reset the breaker. 1.3 Check thermostat setting.
2. There is insufficient cooling.	2.1 The room was probably very hot when you started the system.	2.1 Wait a while so the Unit has enough time to cool the room.
3. 'Clicking' sound is heard from the air conditioner.	3.1 In heating or cooling operation any plastic parts may expand or shrink due to a sudden temperature change in this event, a clicking sound may occur.	3.1 This is normal.

WARRANTY & SERVICE

For prompt, efficient service, please follow the above before calling the appropriate number below.

For Refrigerated Cooling Issues

1300 526 477

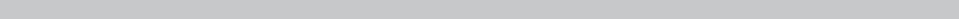
When calling the Warranty Service number, please ensure you have your model and serial number available, along with date of purchase, and if possible a description of the problem.

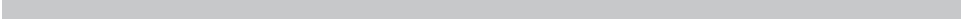
NOTE:

Seeley International strives for continuous product improvements, therefore specifications are subject to change without notice. Unit colour may vary slightly from that depicted in this booklet.

Installation and commissioning of this system to the manufacturer's specification, and compliance with industry standards, and local, state and national regulatory codes, are the responsibility of the installer.

Information in this booklet was true and correct at the time of publishing. E & OE.





It is the policy of Seeley International to introduce continuous product improvements. Accordingly, specifications are subject to change without notice. Please consult with your dealer to confirm the specifications of the model selected.



Warranty Service

Refrigerated Cooling 1300 526 477
seeleyinternational.com

