

COOLING

Owner's Manual



PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USE

brivis

*Australia's favourite
climate systems*



GWA
Smarter Solutions

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Congratulations on your purchase of a Brivis Cooling system.

For you to achieve the performance and efficiency expected from your new cooler, please ensure the installer is a qualified trades person, that the installer has commissioned the unit before you commence operating, and you take the time to read the contents of this manual.

In some Australian States it is mandatory that your cooler installation is issued with a certificate of compliance to guarantee the installation workmanship. Please check with your installer or the local plumbing authority or association. The Brivis cooler is covered by the warranty as outlined in this manual.

Brivis products are renowned for providing years of trouble free performance. However, that doesn't mean that they will operate at their peak for all of that time without some attention. To be at their most efficient they, like most things, need a little care. So, to ensure that every Brivis unit is always in perfect condition, we have established the Brivis Care Program for our valued customers.

The Brivis Care Program provides you with a maintenance service. This service includes cleaning the unit and ensuring that the system is operating at maximum efficiency. Not only does this guarantee peak performance, it also allows any minor problems to be detected early. This ensures that the system will always be ready when you need it.

Privacy Notification

Brivis Climate Systems Pty Ltd is the registered owner of the Brivis brand. Brivis will collect "personal information" from you when you complete your warranty and maintenance registration form. This personal information is collected under the guidance of the Privacy Information Protection Act 1998.

The Purpose of collecting this information is to:

Process your request for us to provide service activities for you;
Register your purchase of equipment for warranty;
Register your request for a survey/quotation for Heating Ventilation Air Conditioning goods and services.

The intended recipients of the information are:

- Employees of Brivis.
- Federal and State Governments who may require the information for administration purposes.

While the supply of the information by you is voluntary, if you cannot provide or do not wish to provide the information sought, Brivis may not be able to provide the services you request. If you have already provided information but have changed your mind and do not want the information used, you may make application for access or amendment for that information not to be used. You have a right of access to, and correction of, the information concerning yourself in accordance with the relevant procedures under the Act.

Enquiries concerning this matter can be addressed to the Business Practices Officer of Brivis, who can be contacted on (03) 9264 9555.

How does your evaporative cooling work?

The amount of cooling available from any type of cooling system is dependent on the outside weather conditions. Your evaporative cooler works best on hot, dry days. It is essential to provide the required amount of ventilation (for your evaporative cooling system to function properly) by opening windows/doors whenever the cooler is operating. Air is drawn in through the filter pads resulting in 100% fresh cool air entering the home. The movement of this cooled air through your home will draw the heat out of the house, so be sure that doors or windows are open to expel this heat to outside. Whenever possible start the cooler early to prevent the build up of heat within the house, and on sultry or humid days your cooler may work better with the fan **ONLY** running and the pump turned **OFF**. Stale air, cigarette smoke and fumes can be quickly cleared and replaced with fresh air by turning the fan to manual mode.

Before operating your Brivis Evaporative Cooler

Make sure enough window and/or door area is open for the unit to work correctly. The following table gives a guide to the amount of opening area required for each model in m², and also gives suggestions on how to provide this.

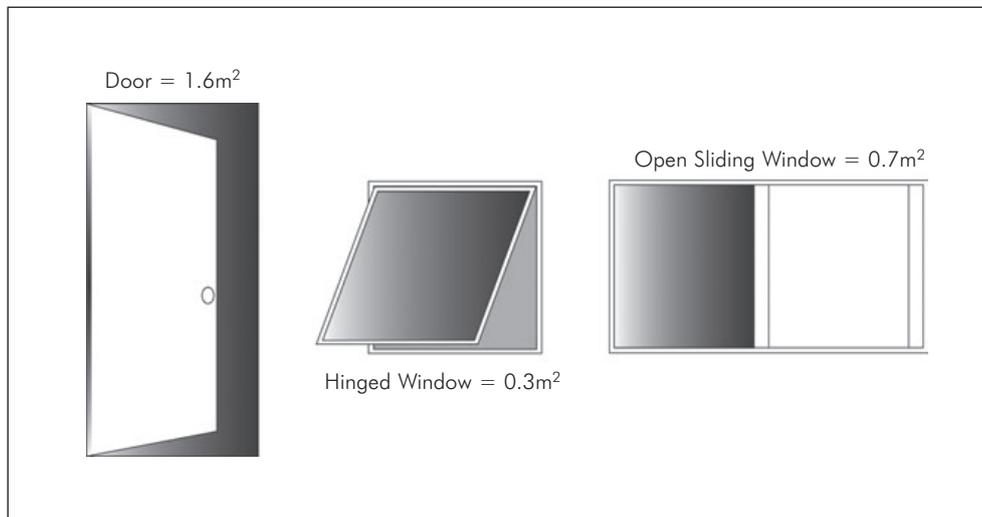
The air smells a little different. Why?

New Celedex pads can give off a mild odour while they are settling in. This is quite normal, it will dissipate quickly as the new pad is constantly flushed during use. It may also be indicating that the unit requires a service.

Openings Required

Model				Number of average size windows & doors (suggestions only)	Highest Fan Setting	Lowest Fan Setting
Bravis Contour Series	Bravis Promina Series	Bravis Advance	Bravis AD Series			
L 24	P 24	F 24		Two sliding windows or Five hinged windows	1.5 m ²	0.9 m ²
L 34	P 34	F 34		One door and a hinged window	1.9 m ²	1.1 m ²
L 44 & L 54	P 44 & P 54	F 44 & F 54		Three sliding windows or one door & two hinged windows	2.3 m ²	1.4 m ²
L 64	P 64		AD 66	Four sliding windows or one door and four hinged windows	2.8 m ²	1.7 m ²
			AD 76	Five sliding windows or one door and five hinged windows	3.1 m ²	1.9 m ²
			AD 86	Six sliding windows or one door and six hinged windows	3.4 m ²	2.1 m ²

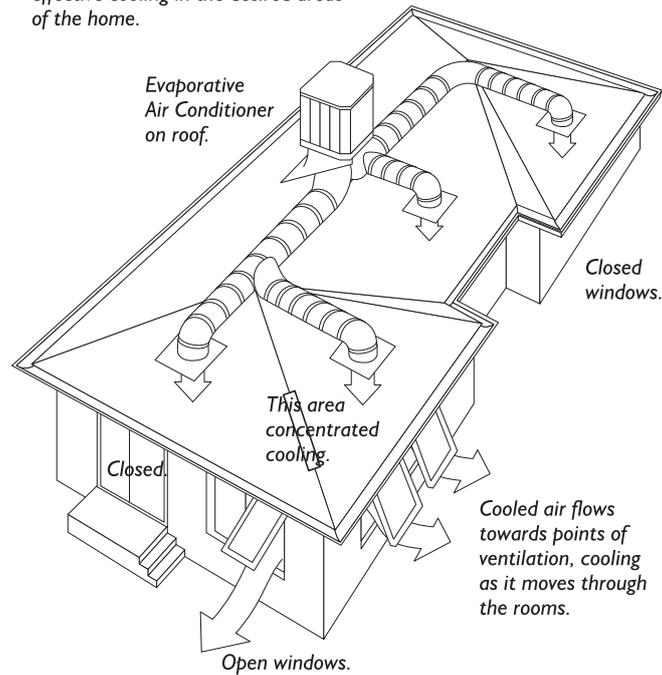
Average ventilation area provided by various openings, when fully opened.



Note: You can also choose to have these openings only halfway open, but be aware that consequently the opening will only provide half the amount of ventilation shown above and more openings would be required. To cool your whole house, you need windows and / or doors open throughout the house. If you wish to concentrate your cooling to a select area, simply concentrate all the required ventilation in the targeted area. (See following illustration).

On hot, windy days, ensure that the windows and /or doors open for ventilation are on the sheltered side of the house.

Illustration shows method of getting effective cooling in the desired areas of the home.



Operating your evaporative cooler

Start up

When the cooling is first turned ON, there will normally be a delay before the cool air is delivered from the duct outlets. The delay will vary depending on the model of cooler, but this doesn't mean the cooler is not operating. Most models have pre-programmed function times, to allow time to fill the Cooler's tank with water and/or Pre-wet the filter pads. Brivis Contour models have an additional delay to allow time to open the ServoSeal damper. The entire process can take up to 8 minutes before cool air is expected from the duct outlets.

Shut down

On Brivis Advance, Brivis Promina, Brivis Contour, and Brivis AD (when fitted with optional dump valve) units, there is also a delay in emptying the water from the Cooler's tank for a period after the unit has turned OFF at the end of use. Brivis Advance, Brivis Promina and Brivis Contour models have an additional pre-programmed tank wash cycle (flush). This washes the tank with clean water at the end of use. At the same time Brivis Contour models will also close the motorised ServoSeal damper, which seals the ducting, reducing drafts. The ServoSeal and flush will occur approx 1 hour after the unit has been turned off.

On humid days

On days of high humidity your evaporative cooler works best with the fan on high and perhaps the pump switch turned off. If moisture is building up on tiled or hard surface areas, ensure that airflow from the outlets is directed across the ceiling rather than down towards the floor. Also ensure that you have enough windows and/or doors open.

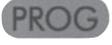
Ceiling Vents Location

Vents should be set up so the air is directed across the ceiling. However they should not be restrictive and the vents should also be directed to disperse air evenly around the room depending on the location of the vent.

Operating your Bravis Networker Wall Control

The Bravis Networker wall control operates the complete cooling system, communicating key information and sensing the temperature. It is an important part of the unit and the following text will explain its operation.



Symbol	Description
	The On/Off Button This is the button to turn the Bravis Networker ON or OFF.
	The Function Key (Fn) The function key, when used in conjunction with keys 1 & 2 allows the user to perform specialised functions such as message repeating & Bravis Networker locking.
	The Mode Key If a Bravis Heater and Cooler are connected to the Bravis Networker, this key allows you to switch between them. When an appliance is selected the mode of the appliance will appear at the bottom of the screen e.g. 'Evap Cooler'.
	Heartbeat A flashing heart icon in the bottom right hand corner indicates that the room temperature is being sensed from this Bravis Networker.
	Program Key This key has a permanent function written on it. This control key is used to set the Bravis Networker's automatic program.
	Auto Key This key has a permanent function written on it. The auto function allows the user to switch between the Auto Program and the Manual Operation.
	The Rotary Dial This Dial is used to change the Cooler (or Heater, if fitted) settings.
	Variable Keys The keys numbered 1-5 vary their function depending on the program or mode displayed. They will only have a function if text appears on the screen beside the key & a black rectangular box. (Keys used for zoning function may also display an arrow)
	Water Droplets The two alternating water droplets indicate that the cooler pump is turned on.
	Fan Symbol When the fan is flashing it indicates the unit is in pre-wet mode. When the fan is rotating it indicates the fan is turned on.
	Thermometer In auto mode the thermometer indicates the set comfort level. In manual mode the thermometer indicates the set fan speed.
	Padlock Symbol The padlock symbol indicates the child proof lock has been set. For more information refer to the section Locking the Bravis Networker.

The Display Screen

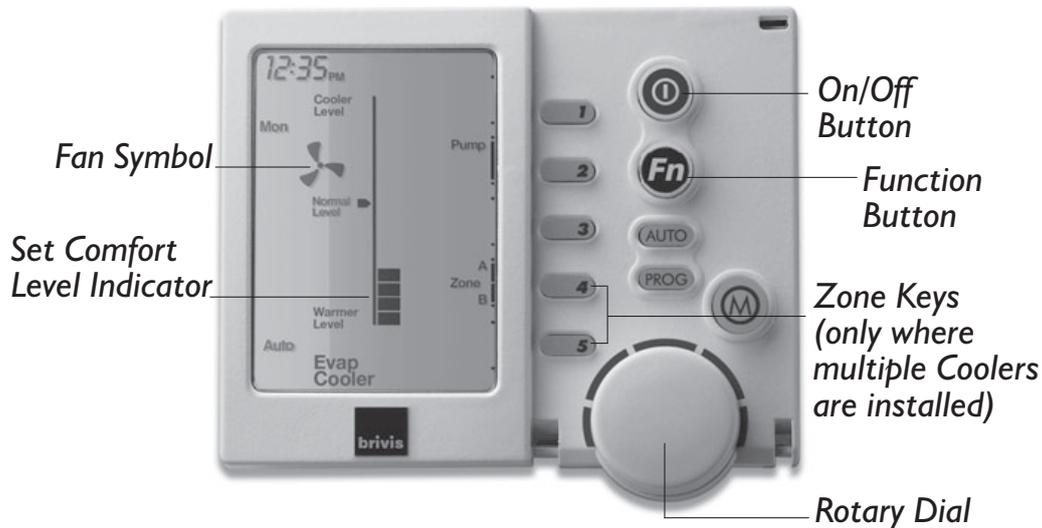
- Provides you with information about the system. The Screen shows the current Time via a Digital Clock in the top left corner, the Day of the Week on the left-hand side, and the type of Appliance selected at the bottom.
- The display will also show scrolling messages across the top of the screen. The messages usually relate to a certain action such as cooler Pre-Wet which shows - "Pre-Wetting cooler pads - Please Wait!"

Automatic Pre-Wet

When the Cooler is turned ON, with both the fan and the pump in either Auto or Manual mode, the Cooler will start a Pre-Wet automatically. The Pre-Wet stage ensures the pads are thoroughly wet before the fan starts. This prevents warm air being initially blown into your home and contributes to the effective operation and performance of the Cooler. The Pre-Wet time will vary depending on how long the Cooler has been OFF, and whether it needs to fill the tank prior to operation. During the Pre-Wet the message "Pre-Wetting cooler pads - Please Wait!" will scroll across the top of the display.

Automatic Operation

In Auto mode the Bravis Networker automatically turns the pump ON or OFF as required and varies the fan speed to maintain your selected "comfort level."



To run the unit in Auto mode, just follow these easy steps:

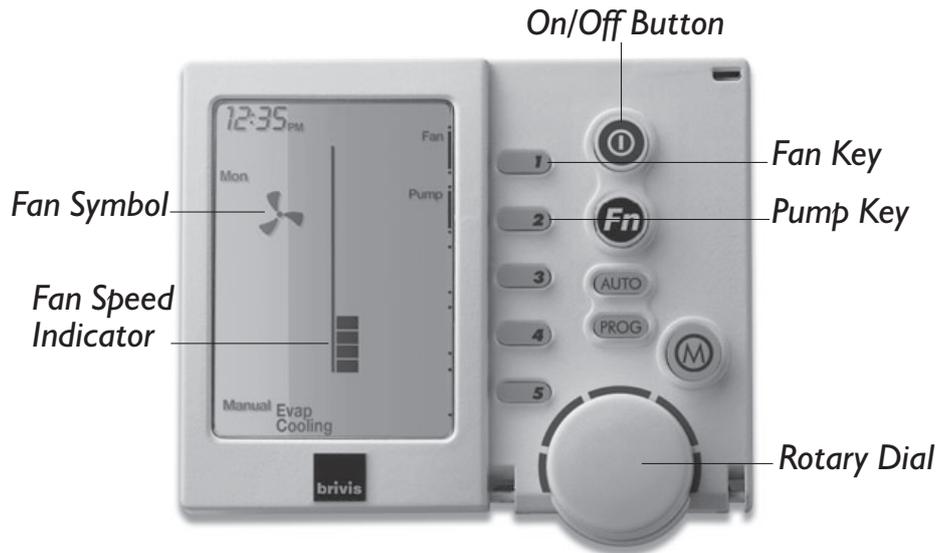
- Turn the Bravis Networker on using the ON/OFF button.
- Press the Auto key until "Auto" appears on the screen.
- Rotate the round dial to set the comfort level you desire (up to have a cooler comfort level and down to have a warmer comfort level).

Note: It will take approximately 8 minutes for the Cooler to complete the pre-wet before the fan will turn on. The next time you return to "Auto" these steps will not be necessary because the Bravis Networker remembers your previous settings.

Benefits of using Bravis coolers in Auto mode in preference to Manual mode

- Power and water consumption varies in relation to the chosen comfort level. This comfort level cannot be as easily maintained in Manual mode.
- In auto mode the unit operates only when it is required.
- Enables a set comfort level to be maintained automatically as the outside / inside temperature conditions change.
- It allows you to pre-set the cooler to turn ON early and not let the house build up heat.
- The outlet airflow noise is kept to a minimum, as the fan speed is only as fast as required to maintain the set comfort level. This slower speed also results in more efficient saturation of the Cooler filter pads, and a cooler outlet air temperature.

Manual Operation



Manual operation enables you to control the fan, its speed, and the pump manually. To run the Cooler in Manual mode, just follow these steps:

- Turn the Bravis Networker on using the ON/OFF button.
- Press the Auto key until "MANUAL" appears on the screen.
- Press key 1 to turn the fan on (if the symbol of the fan is not on the screen).
- Press key 2 to turn the pump on (if the symbol of the water droplets is not on the screen).
- Rotate the round dial to set the fan speed level you desire. (up to increase the fan speed and down to decrease the fan speed.) The message "Pre-Wetting cooler pads – Please Wait!" will scroll across the display. It will take approximately 8 minutes for the unit to complete the pre-wet before the fan will turn on.

Note: On days of high humidity the fan may be operated without the pump. To turn the pump OFF press key 2 and the water droplets will disappear. The next time you return to Manual these steps will not be necessary because the Bravis Networker remembers your previous settings.

Using the Timer



When the Cooler is operating, you can pre-set a time for the Timer to turn the Cooler OFF. Also, when the Cooler is turned OFF, you can select a time for the Timer to turn it ON automatically. So if you are out for the day you can set the Cooler to come on and cool the house before you return. To use the timer function you firstly need to set the time and day.

Caution: If the pump is going to be used, adequate ventilation (openings) needs to be provided to prevent condensation build up.

Setting the Time & Day



- To set the Time and/or Day the Bravis Networker must be **turned OFF** using the ON/OFF button.
- Press Key 5 (clock) and the screen will display the message “Clock setting mode”, and then the Digital Clock will flash.
- Use the Rotary Dial to select the right time.
- Press key 1 until the correct day appears eg: Mon.
- Press Key 5 (clock) again to save the changes.

Note: If you have dual Bravis Networkers installed, only the Master control has the ability to set the clock time. The Master control can be identified by the word “clock” beside Key 5, while the Bravis Networkers are in the off position.

Setting the Cooler to turn itself ON

- Press the PROG key and the display will flash ON TIME and the word PROGRAM.
- Rotate the round dial to set the ON TIME ie. the time you want the Cooler to come ON.
- You can change the settings the cooler will run at here. If in Manual mode, rotate the round dial to adjust the fan speed and press key 2 to turn the pump ON or OFF. If in Auto mode, rotate the round dial to adjust the comfort level.
- Press key 3 to activate the Timer.
- Press the PROG key to exit and save your setting.

Note: The ON TIME key remains displayed. To cancel the Timer press key 3.

Setting the Cooler to turn itself OFF

If the Cooler is ON and you want to set a time for it to turn OFF, the steps are almost the same as above (**Note:** the cooler must be turned on).

- Press the PROG key and the display will flash OFF TIME and the word PROGRAM.
- Rotate the round dial to set the OFF TIME ie. the time you want the Cooler to turn OFF.
- Press key 3 to activate the Timer.
- Press the PROG key to exit and save your setting.

Note: The OFF TIME key remains displayed. To cancel the Timer press key 3.

Checking your Timer Settings

Once Timer settings are made you can review or cancel them in a number of ways:

- The words On Time or Off Time will remain on the screen to show that the Bravis Networker is now holding your pre-set ON or OFF time.
- If you want to check what you’ve done, press the PROG key and the pre-set time will flash. You can now make adjustments to your settings if required.
- If you change your mind and want to cancel the function, press the On Time/Off Time Key 3 and this will cancel the function.
- To exit this setting program push either the On/Off button or the PROG key. Once again the Bravis Networker remembers the last setting and the next time you select the Timer it will go to that same setting.

Message repeating

Push the FUNCTION button then Key 1 immediately after to repeat a message. **Note:** If no message repeats it means either the button combination was incorrect or the event has passed. Typical messages displayed advise of some appliance operations such as - "Pre-Wetting cooler pads - Please Wait!"

Coded Messages



While the Bravis Networker is operating your system, it is also monitoring and controlling every aspect of the system's performance. If anything unusual occurs, the Bravis Networker will display an error message.

- A message stating "Cooler Fault - E01 Code #?? For assistance call 1300 BRIVIS" will scroll across the top of the screen. Note: The message will vary depending on the problem.
- Whenever such a message appears, it is a good idea to write it down before doing anything else. This code contains information that will enable Bravis to deal quickly and easily with anything that requires their attention. With many of them you will be asked to contact Bravis Service and pass on the message, the model and the type of appliance.

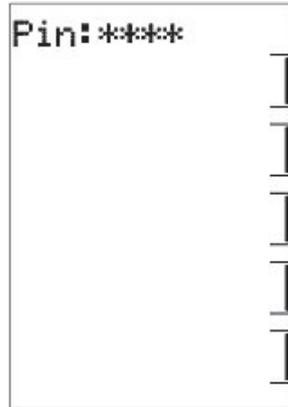
Resetting

If something has interrupted the units operation, the word Reset may appear beside Key 4 while a message is scrolling. Press Key 4 to re-start the Cooler. If the Cooler does not resume normal operation, or the error message re-appears, contact Bravis Service. If the Cooler is still operating but the Bravis Networker is showing an error message try pushing the Reset Key 4 to clear the fault. If the fault persists contact Bravis Service. If the Cooler is not operating and any other error message appears, contact Bravis Service.

Locking the Bravis Networker

To prevent any unwanted alterations being made to the coolers settings, the Bravis Networker can be locked via a 4-digit PIN number. In the case of dual Bravis Networkers, if one is locked the other is also locked. If dual Bravis Networkers are installed, the user pin numbers can only be set at the Master Bravis Networker. The Slave Bravis Networker can only lock and unlock the system and cannot access the pin numbers.

Setting the Pin Numbers



- Push the FUNCTION button then Key 2 immediately after. The screen will then display “Enter Your Pin number to lock the system”. Do not enter numbers at this stage, please continue to the next step.
- Push the MODE key once. The screen will now display “User pin number reset – Enter master pin number”. Do not enter numbers at this stage, please continue to the next step.
- Push the MODE key once again. The screen will now display the message “User pin number 1 alteration - Enter current pin”. If this is the first time for setting the pin numbers, the current pin will be “1111”. If the pin has been previously altered then enter your current pin.
- The screen will then display the message, “Enter the new pin”.
- Enter your new 4-digit pin number using a combination of Keys 1-5. The screen will now display, “Repeat the entry of the new pin”.
- Providing you re-enter the new pin correctly the screen will now display “Valid pin - Pin altered”.
- If an incorrect number is entered press the AUTO key to clear all digits, then re-enter your user pin number. To exit this area at any time, just push the ON/OFF key.

To Lock the Brivis Networker

- Push the FUNCTION button then Key 2 immediately after. The screen will now display “Enter Your Pin number to lock the system”.
- Enter your current user pin number to lock the Brivis Networker. The screen will now display “System locked out!”
- If an incorrect number is entered press the AUTO key to clear all digits, then re-enter your pin number.

To Unlock the Brivis Networker

- Push the FUNCTION button then Key 2 immediately after. The screen will now display “Enter Your Pin number to unlock the system”.
- Enter your current user PIN number to unlock the Brivis Networker. The screen will now display the message “System unlocked!”
- If an incorrect number is entered press the AUTO key to clear all digits, then re-enter your pin number.

Note: If an invalid pin is entered, the message “Invalid pin entered - Try again” will scroll across the screen. The user has three attempts at entering a valid pin number. On the third failed attempt the message “Invalid pin entered!” will be displayed. At this point the Brivis Networker will abort the pin entry screen, and return to its original state. You will then need to repeat the process.

Zoning

Some systems may include multiple Coolers with each operating in a different zone area. Zone keys will appear on the screen and these will have been set up and explained by the installer where required. These zones can be operated in either “Manual” or “Auto” modes using the Zone keys (keys 4 & 5). Two Zone keys will appear if you have three or four zones and only one Zone key will appear if you have one or two.

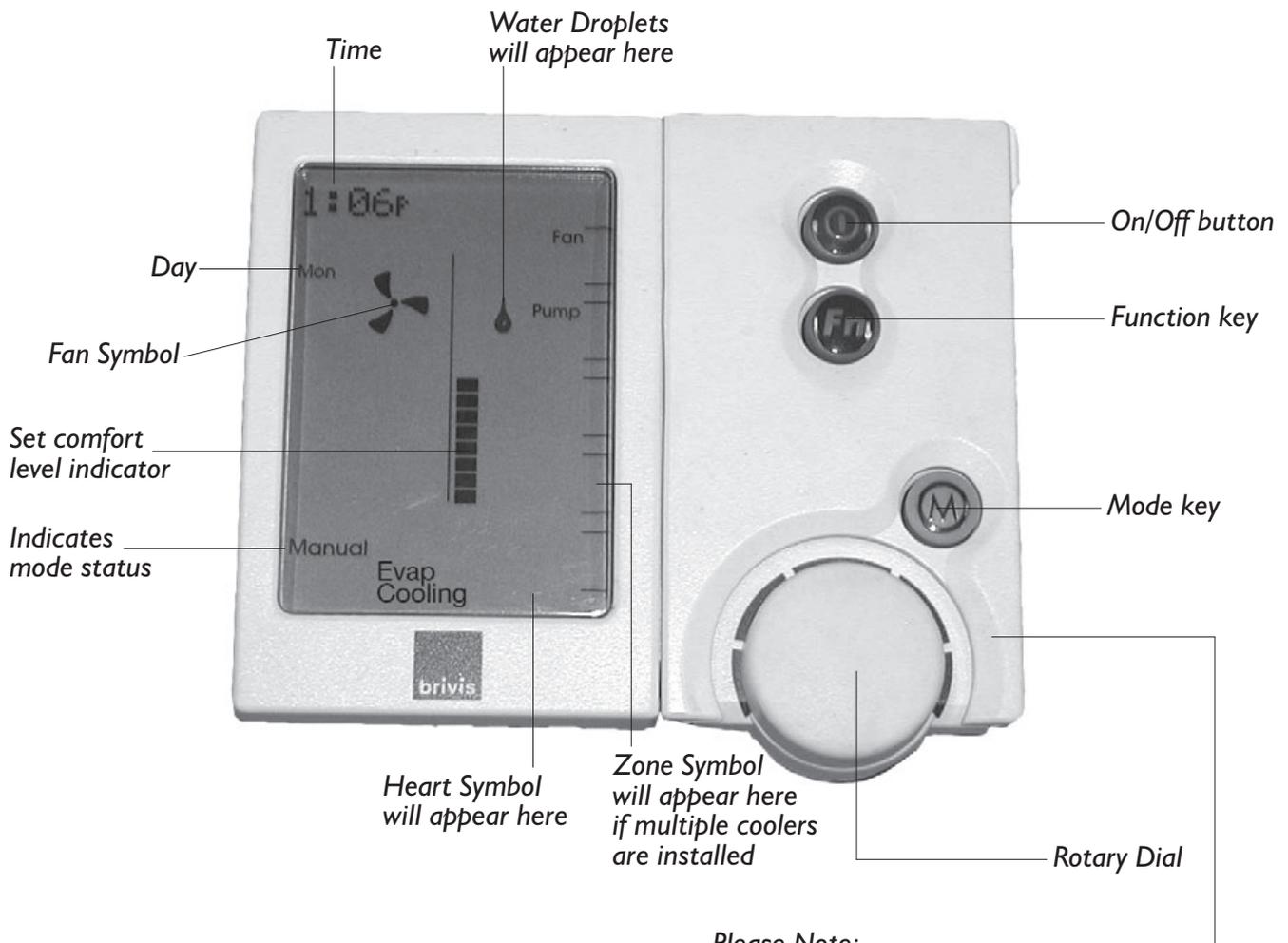
Dual Brivis Networker Operation

It is possible to have two Brivis Networkers connected to the system. The two Brivis Networkers will operate together. One will be configured as a Master and the other as a Slave, and the settings for the Cooler will be common on both controllers. The benefit of having two controllers is the convenience of making adjustments to the Cooler settings. If an adjustment is made on one of the Brivis Networkers it is immediately reflected on the other Brivis Networker. When locking one of the Brivis Networkers the other one will also be locked, and the system can be unlocked at either Brivis Networker. In AUTO mode, only the Master Brivis Networker will sense the comfort level within the house.

Note: Only the Master Brivis Networker has the ability to set the clock time. Look for the word "clock" beside Key 5, while both the Brivis Networkers are in the off position.

Batteries

The Brivis Networker requires no batteries. If the Brivis Networker has no screen, check your 240 volt power supply (at the Cooler) or check the thermostat cable.



Please Note: This picture displays the lid closed. To reveal more keys flip down the lid from the top right hand corner.

Operating your Programmable Wall Control



This Wall Control gives the choice of Automatic or Manual modes with the option of a time ON or OFF delay.

Automatic Pre-Wet

When the cooler is turned on with both the fan and the pump, in either Auto or Manual mode, the cooler will start a Pre-Wet stage to ensure the pads are thoroughly wet before the fan starts. This contributes to the effective operation and performance of the cooler. The Pre-Wet time will vary depending on how long the cooler has been OFF, and whether it needs to fill the tank prior to operation.

Operating Modes

The cooler has several operating modes, which are as follows:

1. Auto mode
2. Manual mode Fan and Pump
3. Manual mode Fan only
4. Manual mode Pump only.

Push the **MODE** key to cycle through the cooler's operating modes.

Note: The wall control will remember previously established settings in Auto and Manual Modes.

Auto Operation

In AUTO mode the Programmable Wall Control automatically operates the cooler (fan speed and pump) to maintain the selected 'comfort level'. The cooler may even turn OFF if the conditions meet the comfort level setting.

Getting Started

Begin by pressing the On/Off key to turn the Cooler on. If the Auto light is illuminated, the system is set for Automatic operation, otherwise:

- Press the mode key to cycle through the Cooler's operating modes, until the Auto light is illuminated.
- Push the UP and DOWN keys to select the comfort level you require. The lower the number, the cooler the setting; the higher the number, the warmer the setting.

Benefits of using Brivis coolers in AUTO mode in preference to Manual mode

- Power and water consumption varies in relation to the chosen comfort level.
- This comfort level cannot be as easily maintained in Manual mode.
- In auto mode the unit operates only when it is required.
- Enables a set comfort level to be maintained automatically as the outdoor / indoor temperature conditions change.
- Allows you to pre-set the cooler to turn ON early and not let the house build up heat.
- The outlet airflow noise is kept to a minimum, as the fan speed is only as fast as required to maintain the set comfort level. This slower speed also results in more efficient saturation of the cooler filter pads, and a cooler outlet air temperature.

Manual Operation

Manual operation requires you to manually control the fan, its speed, and the pump.

Getting started

Begin by pressing the ON/OFF key to turn the Cooler on. For Manual operation the AUTO light must not be illuminated.

- Push the MODE key to cycle through the cooler's operating modes.

Fan and Pump

This is indicated by the illuminated Fan and Pump lights. The screen will then display a number, which indicates the cooler fan speed.

- Push the UP and DOWN keys to raise and lower the cooler's fan speed.

Note: The fan light will flash during the Pre-Wet period.

Fan only

This is indicated by the illuminated FAN light. The screen will then display a number, which indicates the cooler's fan speed.

- Push the UP and DOWN keys to raise and lower the cooler's fan speed.

Note: On days of high humidity the fan may be operated without the pump. For ventilation only, operate the cooler in this mode.

Pump only

This is indicated by the illuminated PUMP light. Only the pump will be running in this mode, and no air will be circulating.

Using the Timer

This wall control has a timer function that can delay the operation of the ON/OFF key. If the cooler is operating, you can pre-set the timer for the cooler to turn Off. If the cooler is off you can pre-set the timer for the cooler to turn On. The timer is set in 1-hour increments, ranging from 1 to 12 hours. When setting the timer to turn the cooler on, the wall control returns to the settings it had when it last operated. To check or adjust these settings turn the wall control on, make any adjustments if necessary, then turn the wall control off and set the Timer. When setting the timer to turn the cooler off, have the cooler running at your desired settings and set the timer.

Setting the Timer

- Press the TIMER key to enter the timer setting mode. The timer light will now be flashing and the screen will display a number.
- Push the UP and DOWN keys to set the delay in hours. The timer delay can only be adjusted while the timer light is flashing.
- To cancel the timer push the TIMER key twice or push the ON/OFF key.
- After the timer has been set, leave the controller for five seconds until the timer light stops flashing.

The Manual Wall Control

The Manual Wall Control requires you to manually control the fan and fan speed, and the Pump and Pre-Wet Function.

Getting Started

- Push the ON/OFF key to turn the controller on.
- Push the Cool switch to the ON position. This will operate the pump.
- Pre-Wet the filter pads by turning the Cool switch on 5–10 minutes before switching the fan ON. This will provide maximum cooling immediately when the fan is switched ON.
- Turn the Fan switch ON.
- Rotate the Fan Speed dial to the airflow level you desire.

Note: On days of high humidity the fan may be operated without the pump. For ventilation only, turn the Cool switch OFF which turns the pump OFF.



If the system is not cooling adequately

- Check the water supply to the unit is turned ON.
- Ensure the pump is operating and visually check the pads for even water distribution.
- Check that the number of doors and windows open is sufficient within the targeted cooling area. Too many or not enough doors and windows opened in the targeted area could result in inadequate ventilation. This could result in poor cooling performance.
- Check that the fan operates and air is coming out from the duct outlet.
- Check that the filter pads are not damaged and/or the material hasn't deteriorated.
- If external weather conditions are excessively humid, the cooler may not perform at its optimal cooling level.

If the fan will not start.

- Check if the power is ON.
- Check if the Wall Control is turned ON, and set the comfort level that requires the Cooler fan to operate.
- Check that the fan is not in Time Delay Mode caused by: pre-programmed times for the ServoSeal damper (Brivis Contour only) and motorised drain (Brivis Advance, Brivis Promina & Brivis Contour models only) to open, the Cooler's tank to fill with water, or a pre-wet of the filter pads.

Note: The usual time delay can be up to 8 Minutes.

- Check the fuse in the meter box.

Cooler Service

To ensure that your Brivis cooler continues to operate at peak efficiency, it should be serviced at two year intervals by an authorised person trained in the service of Brivis coolers - please contact our National Care Centre, for authorised Brivis Service Technicians. Refer to the back of this manual for contact details.

This service of the cooler unit will include all maintenance and adjustments required to the following components to ensure your cooler runs at its peak efficiency:

- Trough
- Sensors
- Fan and Pump Assembly
- Pads and Water Distribution

Please note that to maintain your warranty, the above servicing needs to be conducted by an authorised person trained in the service of Brivis Coolers.

Note: Service maintenance is not covered under warranty and is a chargeable service. All coolers must have safe and reasonable access and be installed in compliance with the installation instructions supplied with the unit. Some installations may require two service personnel to attend, in accordance with EH & S requirements.

Brivis Care Program

Brivis products are renowned for providing years of trouble free performance. However, that doesn't mean that they will perform at their peak all of that time without some attention. To be at their most efficient they, like most things, need a little care. So to ensure that every Brivis unit is always in perfect condition we have established the Brivis Care Program for our valued customers.

When you are a member of our Care Program you will receive a courtesy call regarding maintenance service to your unit. This service includes cleaning the unit and ensuring that the system is operating at maximum efficiency. Not only does this guarantee peak performance, it also allows any minor problems to be detected early. Which ensures that the system will always be ready when you need it.

If something needs more than just maintenance it can be attended to at the time of the service (additional charges may apply). This repair will be guaranteed for 3 months labour, and 12 months parts.

TERMS OF WARRANTY

- Australia & New Zealand Definitions

The following words have meaning in terms unless the contrary attention appears: "Brivis" means Brivis Climate Systems Pty Ltd ABN 64 096 079 088. "Installation Site" means the site in which the Product is installed.

"Purchaser" means the person named as purchaser in the warranty card in this manual.

"Product" means the Brivis cooler and Brivis ancillary components purchased by the Purchaser and described in the warranty card in this manual.

Warranty

Subject to the conditions below, the Product is warranted by Brivis, to be free from defects in materials and workmanship for a period of 3 years following the date of purchase (the "Warranty Period"). Brivis also offers the Purchaser the option to extend the Warranty Period by a further 2 years on Brivis Contour coolers only, which will bring the total warranty period up to 5 years (the "Extended Warranty Period"). In addition, all the structural components in the cooler are covered by a 10 years parts only warranty provided that the Product is serviced every 2 years during that 10 year period by an authorised person trained in the service of Brivis coolers. The 10 year structural components warranty excludes plastic decorative panels and the Brivis AD trough.

Conditions of the warranty:

1. During the Warranty Period, and Extended Warranty Period (if applicable), Brivis, or its service agent, will repair or replace at its option the Product or any part of the Product, which its examination shows to be defective.
2. Consumable items, including but not limited to, filter pads and batteries, are not covered under this warranty.
3. The Product must be installed and operated in accordance with the instructions set out in this manual and current plumbing regulations.
4. The Product must be serviced and maintained every 2 years in accordance with the instructions set out in the Cooler Service section of this manual.
5. This warranty does not cover loss or damage to the Product caused, directly or indirectly, by adverse environmental conditions including, but not limited to, power surges, electrical storm damage, incorrect power current and floods.
6. The warranty does not apply to Product that is connected to unsuitable voltages or water supply pressures, including high water pressure and non potable water.
7. This warranty applies only to the original Purchaser and original Installation Site.
8. This warranty does not apply to any Product which has been installed in a portable building or structure.
9. This warranty does not apply to normal wear and tear or any service, which is needed as a result of an accident, misuse, abuse or negligence.
10. The Purchaser must, where deemed necessary for safe work practice, pay all costs in respect of making the Product accessible for service personnel and associated parts.
11. A travel charge will apply for service calls beyond a 100km radius from an authorised service agent.
12. Any claims made under the terms of the warranty must be supported by the original invoice issued at the time of purchase or in the case of a newly constructed dwelling, a copy of the certificate of occupancy.
13. This warranty does not apply to any ancillary components of any installation such as: control wiring, ducting, pipe work, grille, register, diffuser and fabricated or added components.
14. This warranty does not apply to any Product which has been used for any purpose other than artificially heating or cooling the air within a building or room, so as to provide a comfortable environment for the persons occupying the building or the room.
15. This warranty does not apply to installations where electrics/electronics may be subjected to moisture/chemicals, for example, swimming pools or nurseries.
16. The extended warranty needs to be purchased from Brivis within 30 days of acquiring the Product at a cost of \$300.00. If you wish to purchase the extended warranty, please complete the warranty extension form on page 21 and return with your remittance in the reply paid post envelope.
17. Brivis and any related company will not be liable for any (i) special, incidental or consequential damages or loss, or (ii) damage or expense for personal injury, or (iii) loss or destruction of property arising directly or indirectly from the use or inability to use the Product or any of its parts, or the servicing of the Product.
18. Should the work involve a 2nd person due to EHS concerns Brivis reserves the right to charge.

Consumer Laws

1. Australian Purchasers have the benefit of statutory rights and nothing in these terms of Warranty has the effect of excluding, restricting or modifying those rights. 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.
2. For New Zealand purchasers, nothing in this warranty is intended to limit the rights you may have under the Consumer Guarantees Act 1993. The Consumer Guarantees Act 1993 does not apply if the product is acquired for the purposes of a "business" (as defined in the Act).

FOR SERVICE IN AUSTRALIA PLEASE CALL 1300 BRIVIS
FOR SERVICE IN NEW ZEALAND PLEASE CALL 0800 427 484
FOR SERVICE IN SOUTH AFRICA PLEASE CALL 011 704 6112

Warranty and Maintenance Registration

Brivis Customer Care Program

The Brivis Customer Care Program is designed to help you get the most out of your new unit. We will write to you before each winter or summer season with some terrific discounted offers for preventative maintenance services which will keep your Brivis unit in great condition!

Would you like to join the Brivis Customer Care Program? Yes, please! No Thanks

Please note: Preventative Maintenance Services are chargeable and not covered under your product warranty. Your unit needs to have reasonable and safe access and be installed inline with the installation instructions supplied with the unit. An extra charge may apply if we are required to allocate two service personnel to enable compliance with safety regulations.

Cooler Warranty Card Form - please return in reply paid envelope provided.

Site Details

Name _____

Postal Address _____

Site Address (if different to above) _____

_____ State _____

Country _____ Post code _____

Home phone no. () _____

Work phone no. () _____

Mobile phone no. _____

Cooler Purchase Details

Cooler Model _____

Date of purchase _____

Installation company _____

Serial No.

Cooler Customer Questionnaire

Please tick the appropriate box.

- **Have you been given a certificate of compliance?** Yes No
- **What type of home do you live in?** Single Storey Double Storey Split Level
- **What type of roof do you have?** Tile Metal Other _____
- **What is your roof pitch?**
22¹/₂ degrees or less Above 22¹/₂ degrees but less than 35 degrees Above 35 degrees
- **What type of wall control do you have?** Manual Programmable Brivis Networker
- **Did your installer explain to you how to operate the system?** Yes No

WARRANTY EXTENSION PLAN (Brivis Contour MODELS ONLY)

You are invited to extend your Warranty Term from 3 years to 5 years by filling in the WARRANTY EXTENSION FORM enclosed with payment for \$300.

This warranty is subject to the terms and conditions as set out in the owners manual.

WARRANTY EXTENSION FORM

Name _____

Address _____

State _____ Country _____

Post code _____

Home phone no. () _____ Work no. () _____

Mobile no. _____

Cheque Money Order Mastercard Visa Bankcard

Credit card no: _____ Expiry Date: ____ / ____

Cardholder Name _____ Cardholder Signature _____

Amount \$ _____

BEFORE YOU CALL FOR SERVICE OR ASSISTANCE ...

Service calls can often be avoided!

If you feel your cooler is not operating properly, please check these possible causes first:

Problem	Action
<i>The unit will not turn on</i>	Check the circuit breaker has not been tripped - if so reset it. Reset the Cooler at the power supply.
<i>The unit is blowing warm air</i>	Check the water supply tap is turned on at the unit. Check the pump has been selected on the wall control.
<i>An error message is appearing on the Brivis Networker</i>	Refer to the section on 'Coded Messages' and follow the checks.
<i>The Brivis Networker display is blank</i>	Check the power point is plugged in and turned on to the Cooler. Check there is power to the power point with another appliance. Check the circuit breaker has not been tripped - if so reset it .
<i>The unit is not cooling very well</i>	Check the water supply tap is turned on at the Cooler. Check the pump has been selected on the wall control. Check sufficient door and/or windows have been opened. Refer to Exhaust section.
<i>There is no air coming out of some vents</i>	Contact our service department to place a service call.
<i>There is moisture on my tiles</i>	Check the vents are directing air flow across the ceiling and not towards the floor. If it is humid turn the pump off. Check sufficient door and/or windows have been opened. Refer to Exhaust section.
<i>The padlock is appearing on the screen</i>	This indicates that the child proof lock has been activated. Refer to the section on 'Unlocking the Brivis Networker'.

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Frequently Asked Questions

Q. How often should the cooler be serviced?

A. Brivis recommend the cooler is serviced every 2 years at a minimum to ensure it operates at peak efficiency. Please Note: Due to environmental conditions the cooler may need to be serviced every year.

Q. What is done in a service?

A.

- Check filter pad material for holes or deterioration. The pads will deteriorate over time and lose their water absorption ability. Replace pads as required.
- Clean the tank and internal surfaces.
- Clean the filter pads and flush water.
- With the filter pads in position, switch ON the power supply isolating switch and operate the unit.
- Ensure the pump is operating, and visually check the pads externally for even water distribution.
- Ensure the water inlet is operating correctly.
- Ensure the water system is operating to the minimum and maximum water levels.
- Check that the water supply pressure is sufficient to fill the tank within the allotted time.
- Check the fan operates, and varies speed between the minimum and maximum setting on the Wall Control.
- Check and lubricate all moving parts.
- On Brivis Contour models, ensure the ServoSeal damper mechanism is opening and closing correctly.

Please note that to maintain your warranty, the above servicing needs to be conducted by an authorised person trained in the service of Brivis Coolers.

Q. I own an Brivis AD cooler - Why is water continually running while the unit is on?

A. All Brivis AD models use the “bleed off” method for tank water quality control. This “bleed off” will continually rid the cooler of any salt or sediments and allow for the tank to be continually topped up with clean water.

Q. I own a Brivis Advance or Brivis Promina cooler - Why does the unit dump water periodically during operation?

A. Brivis Advance and Brivis Promina coolers use the “Running Refresh” method for tank water quality control. This “Running Refresh” ensures that the salt or sediments accumulating in the cooler do not exceed an acceptable level by periodically flushing the tank while the cooler is operating.

Q. The air smells a little different. Why?

A. New Celdek pads can give off a mild odour while they are settling in. This is quite normal, it will dissipate quickly as the new pad is constantly flushed during use. It may also be indicating that the unit requires a service.

Q. How much water does my evaporative cooler use?

A. The amount of water an evaporative cooler uses is dependant on the evaporation rate of the coolers pads.

The more water the cooler can evaporate for a given condition and airflow, the more cooling potential the cooler has.

The evaporation rate varies depending on the current weather conditions, the size of the cooler, the speed of the coolers fan or the velocity of the air through the pads, and the condition and type of the filter pad material.

In addition to the cooler evaporating water, water is also displaced to maintain the water quality within the cooler so that the coolers pads and other components do not deteriorate prematurely.

Q. How much water does the tank of my cooler hold?

Model	Tank Capacity (litres)
Brivis Contour L24, L34, L44, L54, L64	12
Brivis Promina P24, P34, P44, P54, P64	12
Brivis Advance F24, F34, F44	15
Brivis AD 66, AD 76, AD 86	32

Q. Can I run the system when I am not home?

A. Evaporative cooling relies on doors and/or windows being open so you can run it when you are not home, provided you have the required ventilation openings.

Frequently Asked Questions (cont'd)

Q. How many doors and windows should I have open?

A. Refer to the section on openings required. The table gives a guide to the amount of opening area required for each model in m², and also gives suggestions on how to provide this.

Q. Why is there condensation and moisture on my tiles?

A. Make sure the vents are directed across the room and not towards the floor. Make sure sufficient doors and windows are open. Refer to the section on openings required. If it is a humid day turn the pump off.

Q. There is no air coming out of some of the vents. Can Brivis fix this?

A. Yes, contact our service department.

Q. Do my ducts need to be cleaned?

A. We offer a comprehensive duct clean and sanitize of your Cooling ventilation. Like any other part of your home dirt, dust and other foreign particles can accumulate and breed in the ductwork and on system diffusers.

- Remove dust from your cooling system
- Kill any potential dust mites living & breeding throughout your cooling system
- Remove odours from your cooling system
- Helps improve indoor air quality
- Allergy sufferers may benefit from clean ducts
- Clean the Cooler fan and assembly
- Clean the Supply air diffusers

Q. Why use Brivis to have my ducts cleaned?

A. We now offer a full service & maintenance package on all aspects of your cooling ventilation system. We are the Manufacturer of the cooling system and cover warranty on all works undertaken.

Q. How is the duct cleaning done?

A. The ducts are cleaned with brush technology including high pressure vacuums. The system is sanitized with Tea Tree Oil.

Q. How often should the ducts be cleaned?

A. As a guide we recommend every 3 years. Allergy sufferers may wish to have the ducts cleaned more frequently.

Q. Can I run heating through the same ductwork as my cooler?

A. No, the differing technology between ducted heating and evaporative cooling doesn't allow the units to share the same ductwork. Also, evaporative cooling requires larger ductwork for airflow.

Q. How far should my cooler be away from sanitary outlets?

A. The unit should be at least a 5 metre radius away from a sanitary outlet. In WA it must be at least a 6m radius away.

Q. How cool is cool?

A. The degree of cooling available from any type of air conditioning, is dependent on the outside weather conditions. Your Evaporative Cooler works best on hot, dry days. After all, that's when you require the most relief.

Q. Should the unit have its own circuit in the meter box?

A. Yes, we recommend the power socket is wired back to the meter box on a dedicated power circuit.

Q. Should water be coming out of my cooler during operation?

A. Brivis Advance and Brivis Promina models will complete a flush service approximately every 20 cycles of the pumps operation. This means you will see the unit dump the water out of the overflow pipe.

Brivis Contour models will not dump any water during operation as they are fitted with an AquaSave which operates to keep the water clean.

Brivis AD models will have a small continuous flow from the drain outlet.



*Australia's favourite
climate systems*

For all your Sales and Service enquiries call us on **1300 BRIVIS** (1300 274 847).

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