

# EVAPORATIVE COOLING



# Welcome to **Brivis**

## **Brivis – Australia’s Favourite Climate System.**

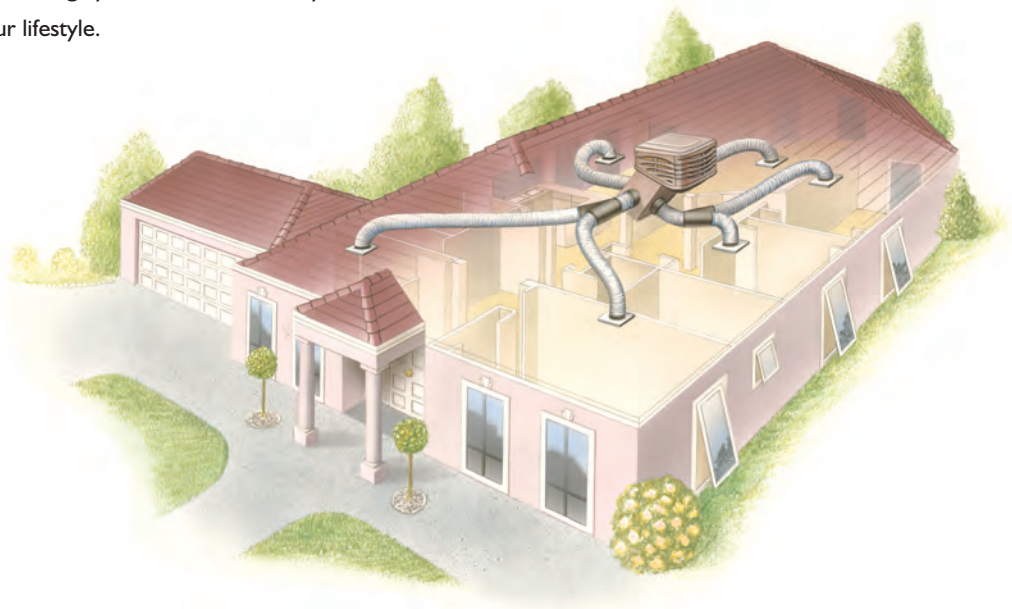
Brivis has been helping people choose climate systems for their homes for more than 50 years.

In a report by BIS Shrapnel\* on Evaporative Coolers, consumers rated Brivis as number one on the key issues of innovation, design/features and value for money.

The Brivis reputation for innovation, quality and reliability has made it’s evaporative coolers one of the top selling cooling systems in Australia. We have created this informative guide to help you choose your Brivis cooling system. It will enable you to make an informed decision about the cooling system that best suits you, your home and your lifestyle.

## **How does Evaporative Cooling work?**

Brivis ducted evaporative cooling comprises a central cooling unit connected to a series of outlets throughout your house. The cooling unit draws fresh air through moistened pads. As it passes through these pads the air is cooled and filtered before flowing through the ductwork and into your rooms – just like a cool, refreshing sea breeze.



## **The Benefits of Evaporative Cooling**

*Evaporative cooling has many benefits and advantages over other forms of cooling.*

*Among these are:*

- *It is one of the healthiest ways to cool your home because it uses clean fresh air to replace the air in your home many times per hour.*
- *The air inside your house is not re-circulated which means that smells and allergens are expelled.*
- *Based on a totally natural process of air cooled by water means it won't dry out the air, or irritate your skin, throat or eyes.*
- *Doors can be left open allowing you to enjoy the summer and an outdoor lifestyle.*
- *Evaporative cooling is also an inexpensive cooling option. It is up to 50% cheaper to install and seven times\*\* cheaper to run than refrigerated cooling.*
- *Since Evaporative Cooling uses less electricity than other forms of cooling it is kinder to our environment as it's greenhouse gas contribution is a lot lower.*

\* "The Household Appliances Market in Australia 2006" BIS Shrapnel, Sept 2006

\*\* "Choosing a Cooling System" Sustainable Energy Authority Victoria, Nov 2002

# Brivis Contour Series



The Brivis Contour cooler has the lowest roof profile and is the most advanced evaporative cooler in its class. Every stage of its operation has been designed to make it reliable, discreet and healthy for you. When you turn your cooler on, the Brivis Contour begins its **Pre Wet** cycle. Clean fresh water enters the cooler and begins soaking the cooling pads before the fan even starts, ensuring that you will be provided with cool fresh air immediately the fan starts. It is packed with features to give you comfort and flexibility.



Exclusive to Brivis, our leading edge AquaSave technology saves you up to 45% water a year compared to conventional bleed systems. The AquaSave cleans the water used in the cooling process avoiding any unnecessary wastage. The AquaSave\* also reduces the build up of scale and salt, which, over time may reduce the efficiency of the cooler.

The Brivis Contour also has one of the smallest water reservoirs on the market, holding up to a third the amount of water than other coolers, minimising the

amount of water discharged when the cooler is turned off.

The **innovative sloping base** allows the cooler to sit low on the roof so the dropper box is hidden inside the roof.

The Brivis designed **super quiet direct drive fan** delivers the cool air you need without having to worry about regular maintenance of belts and pulleys. The **SynchroDrive Pump** sits in its own waterproof chamber and is designed to be self cleaning by spinning in the opposite direction to clear blockages, if they occur.

The Brivis Contour **ServoSeal** is the only motorised winter seal on the market. The **ServoSeal** retains warmth in your house on cold days when it's closed and when open, it manages the airflow reducing turbulence and noise.

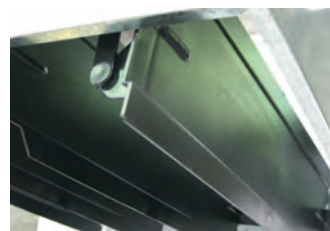
The Brivis Contour series can be connected to the **Brivis Networker, Programmable or Manual** wall controls.



The SynchroDrive Pump



Super Quiet Fan



ServoSeal

\* In some areas adjustments to the AquaSave may need to be made to ensure optimum performance.

# Brivis Promina Series



The Brivis Promina uses advanced technologies developed for the Brivis Contour series to ensure quality and reliability.

For example, the Brivis Promina incorporates the Brivis designed fan which maximises airflow with quiet operation.

In the Brivis Promina, the **AutoRefresh** water management system controls the amount of clean water added to the system. Once a pre-determined number of fill cycles have been completed the cooler will automatically flush the entire tank and refill it with clean water. While the water is being refreshed the cooler continues to operate, unlike coolers that use a dump and fill cycle to refresh the tank water.

When cooling is no longer required the Brivis Promina will automatically run the **FreshStart** operation which means there is no dirty water or sediment sitting in the cooler before it starts up again.

## Options

The Brivis Promina is available in four colours and five capacities.

The Brivis Promina can also be fitted with a **WinterSeal** to prevent loss of heat in winter.

The Brivis Promina series can be connected to the **Brivis Networker**, **Programmable** or **Manual** wall controls.





The Brivis Advance cooler is the latest innovation from Brivis. It has been developed from the technology incorporated in the Brivis Promina to create a stylish cooler for both new installations and replacement of older coolers.

The Brivis Advance cooler uses the **AutoRefresh** water management system and has a sloping trough which keeps the water moving towards the pump and constantly circulating through the system. This Brivis Advance cooler has the **FreshStart** operation fitted as standard.

The Brivis Advance also has a variable speed fan allowing the cooler to run slow when all you want is a gentle breeze to keep you cool.

## Options

The Brivis Advance is available in three colours - Charcoal, Terra Red and Beige.

The **WinterSeal** is available to prevent heat escaping in winter.

A **Non FreshStart** version of the cooler is also available.

The Brivis Advance series can be connected to the **Brivis Networker, Programmable** or **Manual** wall controls.

## Australia's Favourite Climate Systems

### Australian Owned and Made

Brivis has been designing and manufacturing climate systems in Australia for more than 50 years.

Our world class facility produces high quality products with guarantees of up to 10 years.



### Expert Installers

Brivis has a national network of Authorised Dealers who can install your product for you in less than a day. Specialists selected and trained by Brivis, our dealers and installers will provide you with a quality installation.

### We've got the size to suit you

Our Authorised Dealers use the Brivis Sizing Guide to determine the right cooler for your home and ensure that it performs to its maximum capabilities.

The dealer enters your house details, including the location, into the computer and the sizing guide software does the rest. When the sizing guide has been used to correctly select and size your cooler for your home, we can confidently guarantee that the unit will provide the level of comfort and climate control for which Brivis products have become renown.

### Brivis Customer Care Program

Brivis has a dedicated team of professionals including our factory-trained service technicians and friendly customer service operators to help keep your Brivis unit in optimum working condition. As a member of our Customer Care Program you can be assured of reliable and responsive after-sales support.

# Brivis Wall Controls

Your Brivis Evaporative Cooler can be fitted with a choice of controls to suit your lifestyle.

## The Brivis Networker

The Brivis Networker gives you maximum flexibility in the operation of your cooler.



It can operate in either auto or manual mode. In auto mode, you set the comfort level you desire and leave the rest to the Brivis Networker. It will maintain your desired level by automatically adjusting the amount of fresh cool air coming into your home.

The Brivis Networker also allows you to pre-set the time the cooler turns on or off.

The Brivis Networker is the only cooler wall controller on the market that uses advanced Electro-Luminescence (EL) technology to clearly and uniformly backlight the display screen.

Other features include text messages keeping you informed of the coolers operation, a “kiddie” lock and the ability to control your Brivis heater from the same controller.

## The Brivis Programmable Controller

The Brivis Programmable Controller can operate in either auto or manual mode. In auto mode you set the comfort level you desire then leave the rest to the controller. It also has a timer to turn the cooler on or off.



## The Brivis Manual Controller

The Brivis Manual Controller allows you to turn on the fan or pump or both and to alter the fan speed to your desired setting.



# Brivis Specifications

Model	kW <sup>+</sup>	Dimensions (mm)			Dry Wt kg	Inclusions	Colour Options
		W x L	H-Front	H-Back			
<b>Brivis Contour Series with AquaSave and ServoSeal</b>							
L24	8.9	1100	720	400	50	AquaSave Water Management System incorporating Dump Valve Fresh Start Operation Super Quiet Fan Fan Speed Sensing SynchroDrive Pump ServoSeal Motorised Damper	Terra Red
L34	12.4	1100	720	400	52		Charcoal
L44	14.0	1100	800	480	54		Beige
L54	15.8	1100	800	480	55		Rivergum
L64	16.7	1100	800	480	57		Chocolate
<b>Brivis Promina Series with Auto Refresh</b>							
P24	8.6	1100	720	400	47	AutoRefresh Water Management System incorporating Dump Valve Fresh Start Operation Super Quiet Fan Fan Speed Sensing SynchroDrive Pump WinterSeal (option)	Terra Red
P34	10.9	1100	720	400	48		Charcoal
P44	13.2	1100	720	400	49		Beige
P54	14.7	1100	720	400	50		Rivergum
P64	16.0	1100	720	400	51		
<b>Brivis Advance Series with Auto Refresh</b>							
F24D	8.6	1140	597	597	47.5	AutoRefresh Water Management System incorporating Dump Valve Fresh Start Operation Super Quiet Fan Fan Speed Sensing SynchroDrive Pump WinterSeal (option)	Terra Red
F34D	11	1140	597	597	49		Charcoal
F44D	13	1134	682	682	50.5		Beige
F54D	15.4	1134	682	682	51		

+ kW capacities are calculated according to AS2913-2000 with outside dry bulb temperature of 38°C, outside wet bulb temperature of 21°C and room dry bulb temperature of 27.4°C. Airflow was determined in accordance with test procedure ASHRAE 51 and Celdek saturation efficiency as per CSIRO report 90/16M.

Please note that Brivis has a policy of continuous improvement and therefore product specifications are subject to change without notice E&OE.



Terra Red



Charcoal



Beige



Rivergum



Chocolate

## Our Guarantee to You

Brivis has a reputation for making products of the very best quality which is why all our coolers carry a 3 year parts and labour warranty and the structural components in our coolers carry a 10 year parts warranty. On Contour coolers, Brivis offers you an option of an extended two year warranty\*\*.

\*\* Conditions Apply: See Brivis Cooler Owners Manual for further warranty terms and conditions.

Please note that the images and colour selection chart are for illustration purposes only.



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

**[www.brivis.com.au](http://www.brivis.com.au)**

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Heating and Cooling