



DualComfort

COMBINATION CLIMATE SYSTEM

Create that perfect feeling



Hot or cold, your home will feel perfect.

Create the perfect feeling of comfort throughout your home with a Brivis DualComfort whole home heating and cooling solution. Designed specifically for Australian climatic conditions, it provides refreshing, refrigerated cooling or gentle, comfy gas heating, just as you like it. It's a fully-ducted system that allows you to keep your home at your desired level of comfort all year round, and all from a single controller.

About DualComfort

Brivis DualComfort Heating & Cooling

Gas heating is a lower running cost option over electric powered heating. In colder weather gas heating is more effective and more comfortable, as the heat output of gas appliances is not affected by low ambient temperatures as is the case with electric systems.

The Brivis DualComfort combines ducted gas heating with refrigerative cooling to provide a superior whole home heating and cooling solution at an affordable rate. The system utilises common ductwork reticulation. The heating and cooling can also be zoned and you also have the ability for whole of home heating, which is generally not provided by Ducted Reverse Cycle systems.

The Brivis DualComfort integrated system combines the best form of heating and the best form of cooling. This system is the ultimate alternative to all-electric Ducted Reverse Cycle system.

The DualComfort solution combines a StarPro series gas ducted heater (HX or MX) with a Brivis ICE and a Networker controller. Refer to the following pages for additional details.

Combined ducted gas heating with refrigerative cooling to provide a superior whole home heating and cooling solution at an affordable rate.

What makes Gas Ducted Heating and Add-On cooling attractive?

1. Lower capital cost to achieve whole home heating capability
2. Running cost savings over longer term due to lower energy costs to operate

Two very good reasons to consider Brivis DualComfort as your choice in home heating and cooling. Call 1 300 382 583 for more information.



StarPro Series

MAX (HX) and PLUS (MX)

High Efficiency
Zoned Heating
5.8 Star-rated
Ducted Heater

The Brivis StarPro series comprises 2 ducted gas heating ranges:

- Brivis StarPro MAX (HX)
High Efficiency
- Brivis StarPro PLUS (MX)
Medium Efficiency



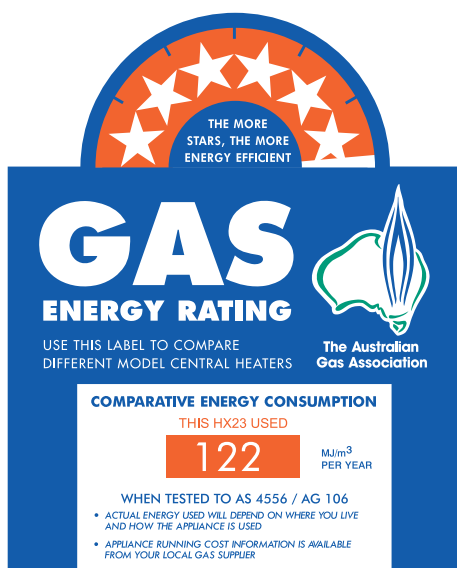
Brivis HX - Outdoor Unit

Advanced technology.

The technologies used in the Brivis StarPro series are a culmination of Brivis' 50 years of heating experience in Australia. The Brivis StarPro series features ensure that the heaters are more effective at heating your home, with the least amount of energy and expense. Every aspect of the Brivis StarPro series has been designed to make it more powerful, efficient, reliable, and unobtrusive.

The Brivis StarPro MAX range has outstanding energy efficiency ratings of up to 5.8 stars.

This high star rating means your system provides the highest level of comfort, for the least running cost.



Brivis MX - Outdoor Unit



Brivis HX and MX - Indoor Unit

High efficiency is only part of the story, the Brivis StarPro MAX range also provides the highest levels of quality and flexibility and the best value for money.

The Brivis StarPro PLUS medium efficiency range employs all of the great features and benefits of the Brivis StarPro MAX range, but at a medium efficiency star rating. The Brivis StarPro PLUS series has an efficiency range from 4.2 stars to 4.4 stars.

The Brivis StarPro series of heaters feature a spark ignition system to ignite the burners. A flame sensor on the end of the burners sends a signal to confirm that there is ignition across the entire burner. The gas ramps up to maximum to quickly heat up the heat exchanger, the circulation fan starts slowly, and gently ramps to the optimum speed for heating the house. This ensures that the start up of the heater is extremely quiet, delivers heat in the fastest possible time and that you don't feel a cold draught when the fan starts.

Zoning.

The Brivis StarPro series has an advanced Energy Management System (EMS). The main benefit of the EMS is zoning, which effectively means you can divide your home into up to four separate heating areas or, if you want the whole house heated at the same time, you can heat all zones at once. The whole zoning process is automatically controlled by the Brivis Networker (refer to page 5).

Aligned with the EMS, another great energy advance is the exclusive Brivis Adaptive Zoning System; the ability of the StarPro series to reduce its output by up to 80%. The heater detects how many zones you are currently operating and reduces the energy and fan output to match this requirement automatically. This means that if you only want certain parts of your house heated, you're not wasting energy. Ask your dealer about these zoning options.

Flexibility.

The Brivis StarPro series is designed to fit easily into the roof, under floor space or unobstrusively outside the house. The internal unit can be split, then reassembled in the roof for easier and faster installation. Service clearances have been optimised to ensure the Brivis StarPro range can fit into most installation space situations.

The most choices.

The Brivis StarPro series has several different options and models to choose from so that you can select the right heater for your needs.

The Brivis StarPro series is controlled by our most advanced controller, the Brivis Networker, a Programmable or a Manual Thermostat. You can even directly connect the heater to most Home Automation Systems.

The Brivis StarPro series has Extra Air (XA) models available to suit the Brivis ICE Add-on refrigerated cooling system, giving you total climate control all year round.

The Brivis StarPro MAX range of heaters are also available in a range of LPG models.

Key Points

- *High Efficiency (up to 5.8 stars).*
- *On-board diagnostics.*
- *Brivis adaptive zoning.*
- *Installation flexibility.*
- *Advanced control options.*
- *Brivis ICE Add-on refrigerated cooling system.*



Brivis ICE Series

Would you like ICE with that?

Now you have decided on your Brivis heater, we can also provide you with year round comfort using cooling with the Brivis ICE series of Add-on products.

Brivis ICE Add-on refrigerated cooling system is a fully integrated, refrigerated air conditioning system that provides cooled, filtered and dehumidified air through the same ductwork and grilles as your ducted gas heating system. Brivis ICE Add-on refrigerated cooling system range can be installed at the same time as your Brivis heater or at a later date. So now you can have the best fully integrated heating and refrigerated cooling system, all designed and guaranteed to work seamlessly together.

How does Brivis ICE cool your home?

There are four simple processes in providing you with refrigerated cool air:

- Air from inside the house is drawn and filtered through a return air grille.
- The air then passes through an indoor cooling coil where the heat in the air is transferred to the refrigerant.
- The cooled and dehumidified air passes through ductwork and into the rooms via the ceiling or floor vents.
- The heat given off by the air passing through the indoor coil is carried by the refrigerant to an outdoor coil where it is dissipated to the outside air.

Control

Brivis ICE Add-on refrigerated cooling system can be controlled by either the Brivis Networker or the Brivis Programmable Controller (for more information see page 5). The Brivis Networker enables you to create up to five separate zones. Combinations of up to four of these zones can be programmed to switch on and off as and when required.**

Warranty

Brivis ICE Add-on refrigerated cooling system comes with a full five year warranty on parts and labour.



The Brivis ICE Add-on refrigerated cooling system series indoor coil unit is incorporated into your heating ductwork



Brivis ICE Add-on refrigerated cooling system outdoor units

Key Points

- Adds on to Brivis Ducted Gas Heating.
iltered, dehumidified, cool air.
- *F*
Single controls for both heating and cooling.
- Zoning.
- Australian Designed.
- Australian Made.

* When installing a Brivis ICE Add-on refrigerated cooling system with a new gas ducted heating system, care must be taken to ensure the duct system is sized and designed correctly.

If you are installing a heating system and plan to install Brivis ICE Add-on refrigerated cooling system at a later date, then ensure that you advise your dealer and they will size the system accordingly.

** Using optional zoning module, with Brivis StarPro Heater.

You're in control.

To give you maximum control over the way you heat or cool your house, the networker controller is easy to read, unobtrusive and technologically advanced, without being unnecessarily complicated to use.

The Brivis Networker.

The Brivis Networker can operate in either auto or manual modes. In manual mode, you set your own temperature, then leave the rest to the Brivis Networker. It will maintain the temperature you have chosen, until you choose to turn it off.

In auto mode the Brivis Networker allows you to preset temperatures, times and zoning configurations (if fitted). This means that you can wake up to a beautifully warm house even at the coldest times of the year. The Brivis Networker is designed with an easy-to-use rotary dial, an easy-to-read LCD screen and is backlit using state of the art Electro-Luminescence (EL) technology, making the screen easier to read in poorly lit areas or at night.

In addition, when zoning, for example upstairs or downstairs, two Brivis Networkers can be used together to provide enhanced zone temperature control. During warmer weather the Brivis Networker can be used to operate either a Brivis evaporative or Brivis ICE Add-on refrigerated cooling system.

When in cooling or heating mode, the Brivis Networker can be programmed to turn off or set back after you've gone to sleep giving you comfortable sleeping conditions.



Key Points

- *Easy to use.*
- *EL technology gives uniform and clear backlighting of the Brivis Networker display.*
- *Two Brivis Networkers can be used together for enhanced zone climate control.*

Specifications

Model	Star Rating	Capacity (kW)	Airflow (L/s)	ESP (Pa)	Dimensions (mm)			Wgt (kg)	Avail in LPG	Recommended Brivis ICE Add-On		Rated Cooling Capacity (kW)
					L	W	H			Outdoor Model	Indoor Model	
Brivis StarPro Series												
HX15I	5.7	15.0	695	50	1021	395	634	57	-	38CDA12-7	28IDA12	10.9
HX23E	5.8	23.0	715	50	1046	416	750	68	✓*	38CDA12-7	28IDA12	10.9
HX23E-XA	5.8	23.0	755	50	1046	416	750	68	✓*	38CDA15-7 or 38CDA15-9	28IDA15	14.7 ~ 14.9
HX23I	5.8	23.0	765	50	1021	395	634	58	✓*	38CDA12-7	28IDA12	10.9
HX23I-XA	5.8	23.0	795	50	1021	395	634	58	✓*	38CDA15-7 or 38CDA15-9	28IDA15	14.7 ~ 14.9
HX30E	5.7	30.0	850	125	1096	568	810	89	✓	38CDA18-9	28IDA18	17.1
HX30E-XA	5.7	30.0	985	125	1096	568	810	89	✓	38CDA18-9	28IDA18	17.1
HX30I	5.7	30.0	1065	125	1070	547	684	78	✓	38CDA18-9	28IDA18	17.1
HX30I-XA	5.7	30.0	1095	125	1070	547	684	78	✓	38CDA18-9	28IDA18	17.1
HX35I	5.6	35.0	1130	125	1070	547	684	78	-	38CDA21B9	28IDA21	20.5
MX21E	4.4	21.0	700	50	1046	416	657	66	-	38CDA12-7	28IDA12	10.9
MX21E-XA	4.4	21.0	740	50	1046	416	657	66	-	38CDA15-7 or 38CDA15-9	28IDA15	14.7 ~ 14.9
MX21I	4.4	21.0	785	50	1021	395	634	53	-	38CDA12-7	28IDA12	10.9
MX21I-XA	4.4	21.0	830	50	1021	395	634	53	-	38CDA15-7 or 38CDA15-9	28IDA15	14.7 ~ 14.9
MX30E	4.3	30.0	960	125	1096	568	707	85	-	38CDA18-9	28IDA18	17.1
MX30E-XA	4.3	30.0	965	125	1096	568	707	85	-	38CDA18-9	28IDA18	17.1
MX30I	4.3	30.0	1080	125	1070	547	684	71	-	38CDA18-9	28IDA18	17.1
MX30I-XA	4.3	30.0	1140	125	1070	547	684	71	-	38CDA18-9	28IDA18	17.1
MX35I	4.2	35.0	1160	125	1070	547	684	72	-	38CDA21B9	28IDA21	20.5

All systems have an intermittent spark ignition

* HX23 units rated at 21kW for LPG



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GWA
Heating and Cooling