



Australia's favourite  
climate systems

# 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 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. The Brivis ICE 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 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

The Brivis ICE system can be controlled by either the Brivis Networker or the Brivis Programmable Controller. 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.\*\*



The ICE series indoor coil unit is incorporated into your heating ductwork



ICE series outdoor unit



Brivis Networker Control



Brivis Programmable Control

### Key Points

- Adds on to Brivis heating.
- Filtered, dehumidified, cool air.
- Single controls for both heating and cooling.
- Zoning.

\* When installing a Brivis ICE system to an existing gas 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 at a later date, then ensure that you advise your dealer and they will size the system accordingly.  
\*\* When using ICE with a StarPro unit with Brivis 24 volt zoning module, otherwise only 2 or 3 zones can be programmed.

# Specifications **Cooling**

Add-On Selection Chart			
Heater Model	Recommended Outdoor Model	Recommended Indoor Model	Nominal Cooling Capacity (kW)
<b>Current Models</b>			
HX23 / MX21	38CDA12-7	28IDA12	11.3
HX23 XA / MX21 XA	38CDA15-7 or 38CDA15-9	28IDA15	15.3
HX30 / MX30	38CDA18-9	28IDA18	17.1
HX30 XA / MX30 XA	38CDA18-9	28IDA18	17.1
HX351 / MX351	38CDA21B9	28IDA21	20.6
2PW20	38CDA10-7	28IDA10	9.5
2PW20 XA	38CDA12-7	28IDA12	11.3
B20XA	38CDA10-7	28IDA10	9.5
2PW26	38CDA15-7 or 38CDA15-9	28IDA15	15.3
B26	38CDA12-7	28IDA12	11.3
2PW26 XA, B26 XA	38CDA18-9	28IDA18	17.1
<b>Previous Models</b>			
MPS20 std (Pre Oct 2009)	38CDA12-7	28IDA12	11.3
MPS20 XA (Pre Oct 2009)	38CDA15-7 or 38CDA15-9	28IDA15	15.3
MPS30 std (Pre Oct 2009)	38CDA18-9	28IDA18	17.1
MPS30 XA (Pre Oct 2009)	38CDA18-9	28IDA18	17.1
MPS35 (Pre Oct 2009)	38CDA21B9	28IDA21	20.6
MPS 20 (Pre Sep 2001)	38CDA10-7	28IDA10	9.5
MPS 30 (Pre Sep 2001)	38CDA15-7 or 38CDA15-9	28IDA15	15.3
MPS20 std (Oct 2001 to Sep 2003)	38CDA10-7	28IDA10	9.5
MPS20 XA (Oct 2001 to Sep 2003)	38CDA12-7	28IDA12	11.3
MPS30 std (Oct 2001 to Apr 2003)	38CDA12-7	28IDA12	11.3
MPS30 XA (Oct 2001 to Sep 2003)	38CDA15-7 or 38CDA15-9	28IDA15	15.3

NOTE: XA Heaters have larger pops fitted.

Outdoor Unit - High Efficiency		38CDA10-7	38CDA12-7	38CDA15-7	38CDA15-9	38CDA18-9	38CDA21B9
Nominal Cooling Capacity	kW	9.50	11.30	15.30	15.30	17.10	20.60
Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Efficiency (EER)	Cool	3.40	3.12	3.29	3.39	3.21	3.45
Operating Range	°C	15 ~ 45	15 ~ 45	15 ~ 50	15 ~ 50	15 ~ 50	15 ~ 50
Dimension (L x W x H)	mm	1100 x 360 x 830	1100 x 360 x 830	1100 x 360 x 1341	1100 x 360 x 1341	1100 x 360 x 1341	1180 x 370 x 1366
Weight	kg	107	110	136	136	138	154
Sound Power Level	dB(A)	66	66	67	66	67	70
Refrigerant Type		R-22	R-22	R-22	R-22	R-22	R-22
Chargeless Length	m	15	15	15	15	15	15
Refrigerant Connection Pipe Sizes							
Gas	mm	19.05	19.05	28.60	28.60	28.60	28.60
Liquid	mm	9.52	9.52	9.52	9.52	9.52	12.70
Refrigerant Recommended Pipe Sizes - System							
Gas 0 - 15m	mm	19.05	19.05	28.60	28.60	28.60	28.60
Gas 16 - 30m	mm	22.20	22.20	28.60	28.60	28.60	28.60
Liquid 0 - 15m	mm	9.52	9.52	9.52	9.52	9.52	12.70
Liquid 16 - 30m	mm	9.52	9.52	9.52	9.52	9.52	12.70
Power Supply	V-ph-Hz	240 - 1 - 50	240 - 1 - 50	240 - 1 - 50	415 - 3 - 50	415 - 3 - 50	415 - 3 - 50
Full Load Current	A	21.60	25.90	26.10	16.20	16.20	19.00
Single Phase Start Type		Hard	Hard	Soft	n/a	n/a	n/a

Indoor Unit		28IDA10	28IDA12	28IDA15	28IDA18	28IDA21
Dimensions (L x W x H)	mm	615 x 545 x 430	615 x 545 x 430	675 x 610 x 535	675 x 610 x 535	780 x 750 x 550
Weight	kg	27	30	40	43	50
Duct Spigot (Inlet)	mm	350	350	400	400	450
Duct Spigot (Outlet)	mm	350	400	400	450	500
Pipe Connection Sizes						
Gas	mm	19.05	19.05	28.60	28.60	28.60
Liquid	mm	9.52	9.52	9.52	9.52	12.70
Drain Connection	mm	20	20	20	20	20

\*All 26, 30 and 35kW heater models are quoted @ 125Pa total static pressure. All other heater models @ 50Pa.

## Warranty

Because Brivis has been helping people choose climate systems for their homes for more than fifty years you can rely on us for total quality. Our extensive and ongoing investment in research and design means every model we make is the best possible design for Australian families and Australian conditions. Every Brivis ICE Series cooling system comes with a full five year warranty on parts and labour.<sup>†</sup>

<sup>†</sup>5 year warranty only applies to domestic residential installations. Commercial installations have a one year parts & labour warranty.

Note: All images provided in this brochure are for illustration purposes only.

Due to our policy of continuous improvement, product specifications and details are subject to change without notice.

Equipment rated in accordance with AS 3823.3-2002 E&OE.



**Carrier**

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**For more information, call us on 1 300 BRIVIS (1 300 274 847)**

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