

# Brivis DualComfort™

## Experience the perfect feeling of comfort

The Brivis DualComfort™ whole of home ducted gas heating and refrigerative cooling solution allows you to create that perfect feeling of comfort throughout your home. This ducted air conditioning solution provides refreshing, refrigerated cooling and instant, comfy gas heating. The technologies used in the DualComfort™ heating and cooling solution are a culmination of Brivis' 50 years of heating and cooling experience in Australia.

## What is Brivis DualComfort™?

It's 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 DualComfort™ solution combines a Brivis high efficiency StarPro series ducted gas heater with a Brivis ICE and a fully featured Networker controller.



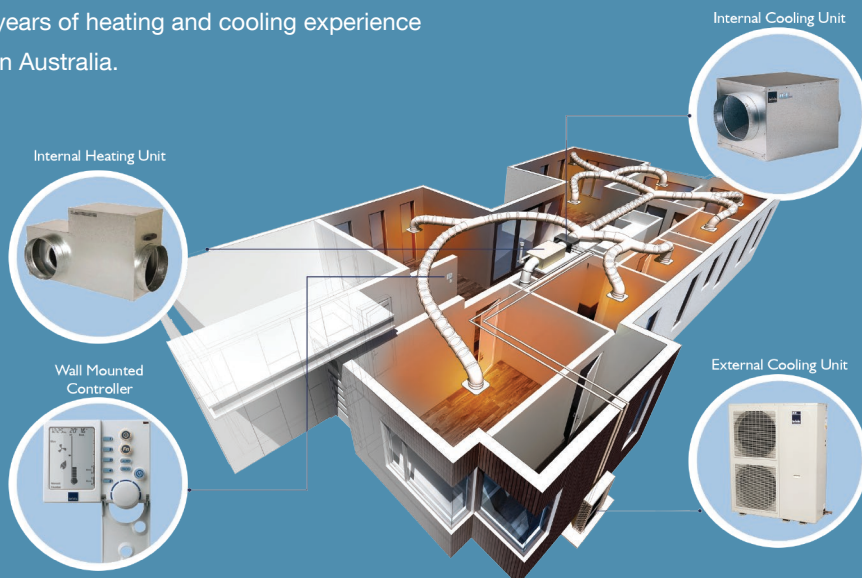
DualComfort™  
COMBINATION CLIMATE SYSTEM

Create that perfect feeling



## What makes DualComfort™ ducted air conditioning so attractive?

- Fully integrated gas heating and refrigerated cooling system, the best of both
- Staggered installation option, install heating first and cooling later, low up front cost
- Common ductwork and grilles for both heating and cooling to rooms, low cost installation
- Flexibility to customise system for whole of home or zoned heating and cooling, lower running cost
- Brivis Networker controller has built in zoning option functionality, easy to use



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## Technical Information

System Overview			10	13	15	18	22
Power Supply		V-ph-Hz	220~240-1-50			415-3-50	
Mode			Inverter			Conventional	
Cooling Capacity	Nominal Capacity	kW	10	13	15	18	22
	Rated Capacity <sup>1</sup>	kW	9.3	12.5	14.7	17.1	21.1
	Capacity Range	kW	4.8 ~ 10.1	6.3 ~ 13.6	7.5 ~ 15.9	N/A	
	Rated Input	W	2.96	3.91	4.62	5.12	5.70
	AEEER		3.11	3.15	3.16	3.33	3.70
ICE Outdoor Unit			DONSC10Z7	DONSC13Z7	DONSC15Z7	DO-SC18Z9	DO-SC22Z9
Power Supply		V-ph-Hz	220~240-1-50			415-3-50	
Maximum Input Current		A	22.0	28.0	30.0	20.9	20.9
Compressor		Type	Rotary	Rotary	Scroll	Scroll	Scroll
Sound Pressure Level		dB(A)	62 <sup>2</sup>	62 <sup>2</sup>	62 <sup>2</sup>	56 <sup>3</sup>	56 <sup>3</sup>
Sound Power Level			71	71	72	70	70
Dimensions	Dimensions (L x W x H)	mm	990 x 354 x 966	938 x 392 x 1369	938 x 392 x 1369	1258 x 450 x 1390	1258 x 450 x 1390
	Net Weight	kg	70	100	122	161	161
Refrigerant Piping	Refrigerant	Type	R410A				
	Gas Connection Size	mm	15.9	19.0	19.0	22.2	28.6
	Liquid Connection Size		9.5	9.5	9.5	12.7	12.7
	Recommended Interconnecting Pipe Size - Gas (mm)	1 - 10m	15.9	19.0	19.0	22.2	28.6
		10 - 30m				28.6	28.6
	Recommended Interconnecting Pipe Size - Liquid (mm)	1 - 10m	9.5	9.5	9.5	9.5	12.7
		10 - 30m				12.7	12.7
	Precharged Length	m	10	10	10	15	15
Max. Pipe Length	65		65	65	30	30	
Max. Height Diff (CDU below)	25		25	25	8	8	
Max. Height Diff (CDU above)	30		30	30	8	8	
Ambient Temperature Limits	°C		-15 ~ 50	-15 ~ 50	-15 ~ 50	-5 ~ 46	-5 ~ 46
ICE Indoor Unit			DINXU10Z7	DINXU13Z7	DINXU15Z7	DI-XU18Z	DI-XU22Z
Power Supply		V-ph-Hz	220~240-1-50			N/A	
Description		Type	Compact A-Frame Coil				
Airflow	Rated	L/s	561	688	736	920	992
	Minimum		430	550	620	750	900
Coil Static Pressure Drop	@ Rated Airflow (Dry / Wet)	Pa	95 / 118	96 / 120	88 / 110	138 / 173	101 / 127
	@ Minimum Airflow (Dry / Wet)		56 / 70	62 / 77	62 / 78	91 / 114	82 / 103
Dimensions	Dimensions (L x W x H)	mm	668 x 611 x 542	668 x 611 x 542	680 x 686 x 542	680 x 627 x 542	777 x 748 x 549
	Net Weight	kg	35	35	40	36	41
Duct Connection (Outlet)		mm	Φ350	Φ400	Φ450	Φ450	Φ500
Duct Connection (Inlet)			Φ350	Φ350	Φ400	Φ400	Φ450
Condensate Drain Connection			20	20	20	20	20
Refrigerant Pipe Connections	Gas		15.9	19.0	19.0	22.2	28.6
	Liquid		9.5	9.5	9.5	12.7	12.7
Operating Temperature Limits		°C	19 ~ 32	19 ~ 32	19 ~ 32	17 ~ 32	17 ~ 32

Note 1: Capacities rated in accordance with AS3823; Note 2: dB(A) @ 1.5m; Note 3: dB(A) @ 3m.

All specifications are subject to change without notification.

## Brivis Ducted Gas Heater Compatibility

Heater Range	10	13	15	18	22
SP6		SP623I, SP623E, SP623E XA	SP623I XA		
SP5		SP521I, SP521E, SP521E XA	SP521I XA		
SP4	SP421UN		SP430 UN		
StarPro HX		HX23E, HX23E XA, HX23I	HX23I XA, MX21I XA	HX30E, HX30E XA, HX30I, HX30I XA	HX35I
StarPro MX		MX21E, MX21E XA, MX21I		MX30E, MX30E XA, MX30I, MX30I XA	MX35I
Classic	2PW20, B20 XA,	2PW20 XA, B26	2PW26	2PW26 XA, B26XA	
Compact Classic	CC315, C320, CC320 XA, CC325	CC325 XA,	CC330, CC330 XA		

Updated 22 Oct 2013 - Table indicates maximum recommended add-on cooling capacity for specific heater models.

## Brivis – Australia's leading climate system

A reputation for innovation, reliability and quality for over 50 years has led to Brivis being recognised as the staple of heating and cooling solutions in Australian homes.

Our design and manufacturing process is accredited to the Australian Standard ISO9001.

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