

DualComfort™



Considering cooling? You should read this.

The Rinnai SP series of Ducted Gas Heaters provide the flexibility to seamlessly integrate a Brivis ICE™ (Integrated Cooling Equipment) system, all while using the exact same ductwork and grilles - saving you both time and money. We call this technology DualComfort™.

The DualComfort™ whole of home Ducted Gas Heating and integrated cooling solution allows you to create that perfect feeling of comfort throughout your home. DualComfort™ provides refreshing, Air Conditioning in

summer, plus comfy gas heating in winter. The technologies used in the DualComfort™ heating and cooling solution combines a StarPro series Ducted Gas Heater with Brivis ICE™ - and are a culmination of 50 years of Brivis heating and cooling experience.

What makes DualComfort™ ducted air conditioning so attractive?

- Fully integrated gas heating and Brivis ICE™ air conditioning cooling system. The best heating solution and the best cooling solution combined.
- Staggered installation options allowing you to install heating first and cooling later, lowering your initial upfront cost
- Common ductwork and grilles for both heating and cooling to rooms
- Flexibility to customise system for whole-of-home or zoned heating and cooling
- Rinnai Touch and NC-6 Networker controllers have built in zoning functionality which is simple and easy to use

Note: When installing a Brivis ICE™ Add-on cooling system to an existing Ducted 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™ Add-on cooling system at a later date, then ensure that you advise your dealer and they will size the system accordingly.

*In some Dual Comfort applications a Constant Zone may be required. Consult your specialist dealer for more information.



Keep your energy costs to a minimum

The combination of Ducted Gas Heating with cooling provides a superior whole home climate control solution at an affordable rate.

The ultimate form of air-conditioning

The system combines the best form of heating and the best form of cooling. It can be zoned, utilises common ductwork and allows you to maintain your desired level of comfort all year.

Better performance in cold ambient temperatures

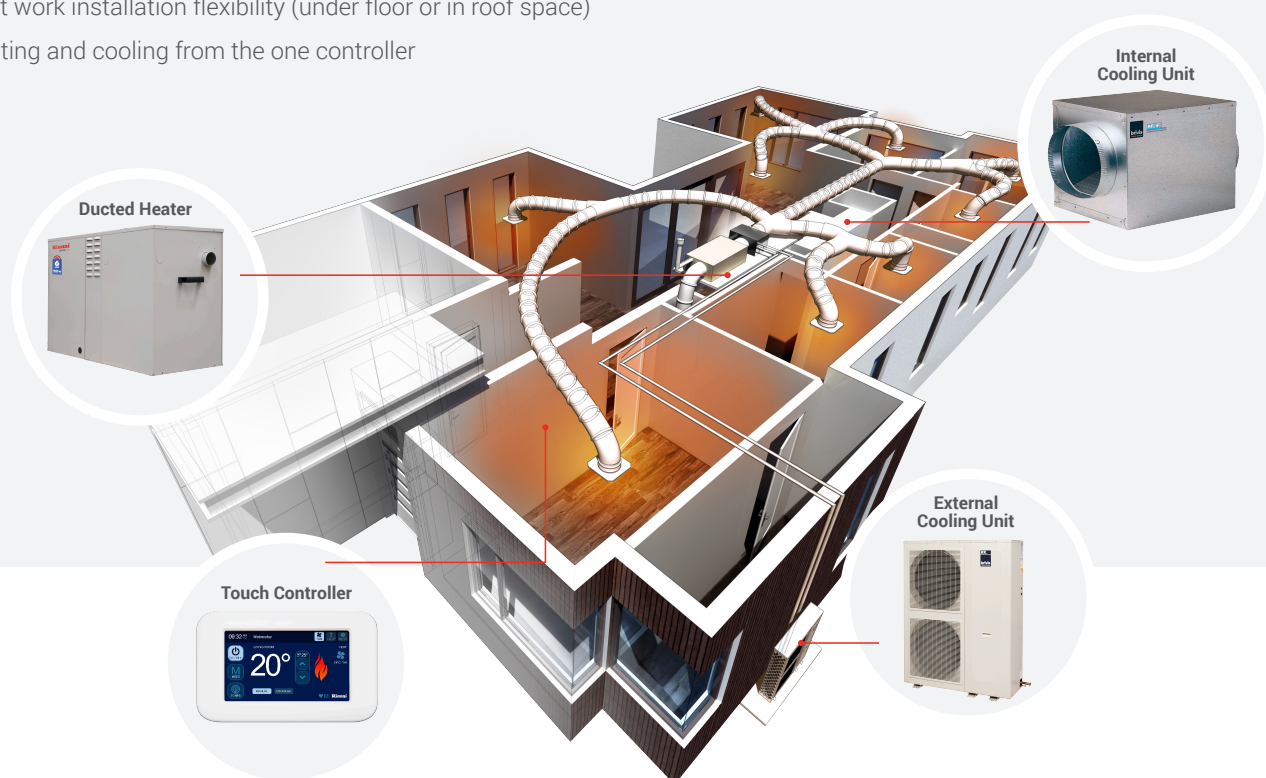
When the cold weather strikes, ducted gas central heating keeps providing heat at the rated output, unlike heat pumps which have a reduced heat output at low ambient temperatures. In colder weather, gas heating is more effective and more comfortable, as the heat output of gas appliances is not affected by low ambient temperatures, which is the case with reverse cycle systems.

DualComfort™ product features

- ZonePlus™ compatible (StarPro heaters only)
- Advanced control options
- Australian designed and manufactured for more than 50 years
- Brivis ICE™ Add-On cooling system
- Electronic ignition and integrated diagnostics
- Duct work installation flexibility (under floor or in roof space)
- Heating and cooling from the one controller

Flexible installation options

With the DualComfort™ heating and cooling solution you can install both the gas heating and refrigerated cooling at the same time, or install just the heating first, ready for the cooling to be added in at a later date. Simple. Ask your installer about being Brivis ICE™ ready now.



Specifications

Add on ICE™ - DualComfort™					
System Overview			10	13	15
Product Code			DSCBDC10A11	DSCBDC13A11	DSCBDC15A11
Stock Availability			Ex Stock	Indent Only 3 month lead time	
Power Supply		V-ph-Hz	220~240-1-50		
Mode			Inverter		
Cooling Capacity	Nominal Capacity	kW	10	13	15
	Rated Capacity	kW	10.1	13.1	14.6
	Capacity Range	kW	4.8 ~ 11.0	6.3 ~ 14.0	7.5 ~ 16.0
	Rated Input	W	3.20	4.08	4.67
	AEER		3.12	3.20	3.12
ICE™ Outdoor Unit			DONSC10A17	DONSC13A17	DONSC15A17
Power Supply		V-ph-Hz	220~240-1-50		
Maximum Input Current		A	18.0	23.0	25.0
Compressor		Type	Rotary	Rotary	Rotary
Sound Pressure Level @1m		dB(A)	61	62	62
Sound Power Level		dB	70	71	71
Dimensions	Dimensions (L x W x H)	mm	946 x 410 x 810	952 x 415 x 1333	952 x 415 x 1333
	Net Weight	kg	68.5	100	116
Refrigerant Piping	Refrigerant	Type	R410A		
	Gas Connection Size	mm	15.9	19.0	19.0
	Liquid Connection Size		9.5	9.5	9.5
	Recommended Interconnecting Pipe Size - Gas (mm)	1 - 10m	15.9	19.0	19.0
		10 - 30m			
	Recommended Interconnecting Pipe Size - Liquid (mm)	1 - 10m	9.5	9.5	9.5
		10 - 30m			
	Precharged Length	m	15	15	15
	Max. Pipe Length		65	65	65
	Max. Height Diff (CDU below)		30	30	30
Max. Height Diff (CDU above)	30		30	30	
Operating Temperature Limits		°C	-15 ~ 50	-15 ~ 50	-15 ~ 50
ICE™ Indoor Unit			DINLU10A17	DINLU13A17	DINLU15A17
Power Supply		V-ph-Hz	220~240-1-50		
Description		Type	Compact Coil with Round Duct Connections		
Airflow	Rated	L/s	678	697	830
	Minimum		500	550	620
Coil Static Pressure Drop	@ Rated Airflow (Dry / Wet)	Pa	48 / 58	50 / 60	65 / 80
	@ Minimum Airflow (Dry / Wet)		33 / 38	35 / 40	48 / 60
Dimensions	Dimensions (L x W x H)	mm	823 x 540 x 678	823 x 540 x 678	823 x 540 x 678
	Net Weight	kg	31	31	40
Duct Connection (Outlet)		mm	Φ400	Φ450	Φ450
Duct Connection (Inlet)			Φ400	Φ400	Φ400
Condensate Drain Connection			20	20	20
Refrigerant Pipe Connections	Gas		15.9	19.0	19.0
	Liquid		9.5	9.5	9.5
Operating Temperature Limits		°C	19 ~ 32	19 ~ 32	19 ~ 32
Rated capacities rated in accordance with AS3823 with 5m charged length. With our policy of continuous improvement, we reserve the right to change, or discontinue at any time, specifications or designs without notice.					

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*November 2019 - With our policy of continuous improvement, we reserve the right to change, or discontinue at any time, specifications or designs without notice. Note: All images are for illustration purposes only.

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