

Rinnai



Ducted Air Conditioning

20 & 24kW



Efficient cooling for larger spaces

At Rinnai, we're all about comfort

Experience year-round comfort with the Rinnai Ducted Reverse Cycle Inverter System, now available in 20kW and 24kW.

It conditions the entire home through insulated ducting, providing rapid heating/cooling with excellent dehumidification and filtration.

For over 50 years, Rinnai has supplied Australian homes with a range of appliances that help people lead comfortable, safe and efficient lifestyles. We're focused on developing products with the latest technology and our level of quality is second-to-none, so you can rest assured knowing Rinnai will deliver.

We're at your service

The National Customer Care Centre provides first class service and maintenance of your system, ensuring it's running at its highest efficiency - so you can enjoy the Rinnai experience for many years to come.

Operating 5 days a week
(Monday to Friday)

13 43 73



Illustrative purposes only

Features and Benefits



All-In-One Total Home Comfort

The Rinnai DRCi is built to withstand some of Australia's harshest conditions. Its ability to cool at temperatures ranging outside from -15°C to 46°C and heat at -15°C to 24°C, allows for total home comfort no matter where you live.

Features such as auto restart function in case of an electrical power outage provides you with peace of mind. The innovative DC Inverter varies its speed in order to maintain a consistent temperature to suit your home and its conditions.

All of this without the hassle of having to install multiple units saves you space, time and money.



Heating & Cooling

All year round comfort, with full temperature control suited to your needs.



Programmable Controller

The Rinnai DRCi comes complete with a dedicated easy to use wired programmable remote, for complete control of your comfort levels.



Easy Set-up

Indoor fan coil unit arrives in a two piece construction, allowing for easier handling and installation.



Fast Temperature Control

Combination of control mechanisms constantly monitor the system operating conditions to maintain your chosen temperatures.

3D DC synchronisation technology, ensures a fast and controlled warm up and cool down while delivering effective energy conservation.



Reduced Operational Costs

3 times more energy efficient than conventional electric heating. It also complies with the Australian Government's Minimum Energy Performance Standards (MEPS) and is rated to Australian Standard AS-3283.3.

Rinnai - System Model No.		20	24	
Nominal Capacity	kW	20	24	
Power Supply (To Outdoor Unit)	V- Ph-Hz	415 - 3 - 50		
Maximum Input Power	kW	10.35	13.22	
Maximum Input Current	A	18.0	23.0	
Recommended Circuit Breaker Size		30	40	
Cooling	Rated Capacity	kW	20	23.5
	Capacity Range		10.0 - 26.0	11.8 - 30.5
	Rated Input Power	kW	5.95	6.70
	Rated Input Current	A	9.09	10.13
	AEER	W/W	3.29	3.44
Heating	Rated Capacity	kW	20	25
	Capacity Range		10.0 - 23.7	12.5 - 29.6
	Rated Input Power	kW	5.90	7.15
	Rated Input Current	A	8.9	10.8
	ACOP	W/W	3.32	3.43
Indoor Unit		DINLR20Z7	DINLR24Z7	
Rated Input	W	990	1200	
Rated Current	A	4.48	5.43	
Air Flow	High Speed	L/s (ESP)	1203 (170 Pa)	1203 (170 Pa)
Maximum External Static Pressure (ESP)	Pa	250	250	
Noise Level	Sound Pressure @ 1.4m (Hi / Med / Lo)	dB(A)	57 / 54 / 50	57 / 54 / 50
Dimensions	Net (W x D x H)	mm	1454 x 931 x 515	1454 x 931 x 515
	Packing (W x D x H)		1509 x 990 x 550	1509 x 990 x 550
	Net / Gross weight	kg	130 / 142	130 / 142
Duct Connections	Supply Air (W x H)		936 x 378	936 x 378
	Return Air (W x H)		1122 x 342	1122 x 342
Condensate Drain Pipe Diameter	mm	ODφ32		
Refrigerant Piping	Liquid / Gas Connections		φ12.7 / φ22.20	φ12.7 / φ22.20
Moisture Removal	L/h	14.0	16.0	
Controller	Type	Wired Programmable Controller		
Operating Range	°C	10-40	10-40	
Outdoor Unit		DONSR20Z9	DONSR24Z9	
Power Supply	V-Ph-Hz	415 - 3 - 50		
Starting Current	A	5.0	6.0	
Compressor	Type	Rotary		
Sound Pressure Level @ 1m	dB(A)	59	60	
Sound Power Level		70	72	
Dimensions	Net (W x D x H)	mm	1120 x 528 x 1558	1120 x 528 x 1558
	Packing (W x D x H)		1270 x 565 x 1720	1270 x 565 x 1720
	Net / Gross weight	kg	137 / 153	147 / 163
Refrigerant Piping	Type	R410A		
	Pre-Charged Length	m	7.5	7.5
	Charge Adjustment (Add or Remove)	g/m	54	57
	Liquid / Gas Connections	mm	φ9.52 / φ22.2	φ9.52 / φ22.2
	Maximum Pipe Length		60	60
	Maximum Vertical Separation (Outdoor above)	m	25	25
Ambient Temperature Limits	°C	Cooling: -15 - 46. Heating -15 - 24		

Capacities rated in accordance with AS3823. 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 contained within this brochure are for illustrative purposes only, the colours and finishes of the products featured are as close to the respective product range as photographic lighting and printing processes allow.

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TOTAL HOME COMFORT



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