

Rinnai

Inverter
Cassette



Inverter Cassette

The perfect slimline solution for every corner of your space.

Ultra compact in design, the super slim body of Rinnai's new Inverter Cassette Air Conditioning range is the perfect solution for light commercial applications, such as hotels, restaurants, offices and showrooms. The sophisticated contemporary design also makes it suitable for use in the larger open plan areas of your home.

The super efficient DC Inverter technology ensures that the Rinnai Inverter Cassette system will heat or cool your premises faster, with precision control, and lower running costs. This latest technology assures you total comfort and piece of mind all year round.



Super Slim Design

Designed with flexibility in mind, both the indoor and outdoor unit are compact and lightweight, making installation in confined spaces a breeze. From the smallest Rinnai unit up to the 14kW size, the new Rinnai Inverter Cassette suits almost any application as its compact size requires much less space for installation.



Ease & Convenience

Operation is via an attractive, ergonomically designed infrared remote control which incorporates a high visibility LCD display. An optional upgrade to the Rinnai wired programmable control is also available.



360° Air
Flow Fascia



Easy access onboard
condensate drain pump



Infrared
Remote Control



Programmable Wired
Control (Optional)



External Supplementary
Duct Connections



A comprehensive 5 year
parts and labour warranty*

* Terms & conditions apply. Visit rinnai.com.au

No space, no problem



Slimline Chassis

360° Airflow

The compact slimline indoor chassis gives ultimate flexibility when it comes to installation. The 7kW Rinnai Inverter Cassette indoor unit has a height of just 245mm, which means it can be installed in just almost any application. The 360° Airflow Fascia ensures optimal air distribution and total comfort in every corner of the room.



High Lift Condensate

Drain Pump

The built in condensate drain pump can lift condensate water up to a full 750mm providing flexibility in installation.

The condensate drain pump is also conveniently located in a separate compartment of the indoor unit providing maximum service access.



Fresh

Air Intake

Say goodbye to stale air and embrace a constant supply of fresh air. The Rinnai Inverter Cassette is flexible enough to allow a fresh-air system to work with the indoor fan to increase the volume of fresh air in your room. The Rinnai Inverter Cassette has a simple on board wiring connection arrangement to control an external powered fresh air fan.



Configurable Auto
Restart Switch



High Efficiency
DC Inverter



Fault Alarm
Connections

Technical Information

Technical Specifications - SYSTEM		70	100	120	140	
Nominal Capacity	kW	7	10	12	14	
Power Supply (To Outdoor Unit)	V- Ph-Hz	220~240 - 1 - 50				
Maximum Input Power	W	3000	3900	5500	5500	
Maximum Input Current	A	16.0	21.0	26.0	26.0	
Recommended Circuit Breaker Size	A	25	25	32	32	
Cooling	Rated Capacity	kW	7.0	10.3	12.3	13.4
	Capacity Range		2.8 ~ 8.4	4.0 ~ 12.6	5.0 ~ 15.0	5.6 ~ 16.8
	Rated Input Power	W	2116	3110	3690	4079
	Rated Input Current	A	9.4	13.7	16.1	17.8
	AEER	W/W	3.26	3.26	3.31	3.26
	Star Rating	-	2.0	2.0	2.0	2.0
Heating	Rated Capacity	kW	7.7	10.4	14.2	14.9
	Capacity Range		3.0 ~ 9.0	4.2 ~ 12.9	5.2 ~ 15.6	5.8 ~ 17.5
	Rated Input Power	W	2250	2980	4030	4411
	Rated Input Current	A	10.0	13.1	17.7	19.2
	ACOP	W/W	3.36	3.46	3.49	3.36
	Star Rating	-	2.0	2.0	2.0	2.0
Indoor Unit		CIN070R	CIN100R	CIN120R	CIN140R	
Fascia Panel	Model No.	CINFAS				
Air Flow (Hi / Med / Lo)	L/s	439 / 333 / 278	639 / 556 / 500	639 / 556 / 500	639 / 556 / 500	
Sound Pressure Level @ 1.4m (Hi / Med / Lo)	dB(A)	49 / 45 / 41	54 / 51 / 48	54 / 51 / 48	54 / 51 / 48	
Dimensions	Net - Body (W x D x H)	840 x 840 x 245	840 x 840 x 287	840 x 840 x 287	840 x 840 x 287	
	Packing - Body (W x D x H)	900 x 900 x 265	900 x 900 x 300	900 x 900 x 300	900 x 900 x 300	
	Net - Fascia (W x D x H)	950 x 950 x 55	950 x 950 x 55	950 x 950 x 55	950 x 950 x 55	
	Packing - Fascia (W x D x H)	1035 x 1035 x 90	1035 x 1035 x 90	1035 x 1035 x 90	1035 x 1035 x 90	
	Net / Gross Weight - Body	kg	24 / 28	28.7 / 32.8	28.7 / 32.8	28.7 / 32.8
	Net / Gross Weight - Fascia	kg	5 / 8	5 / 8	5 / 8	5 / 8
Condensate Drain Pipe Diameter	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	
Refrigerant Piping	Liquid / Gas Connections	Φ9.52/Φ15.9	Φ9.52/Φ15.9	Φ9.52/Φ19	Φ9.52/Φ19	
Standard Controller	Type	Wireless Remote				
Operating Range	°C	Cooling: 17 ~ 32. Heating: 0 ~ 30				
Outdoor Unit		DONSR07Z72	DONSR10Z72	DONSR12Z72	DONSR14Z72	
Power Supply	V- Ph-Hz	220~240 - 1 - 50				
Maximum Input Power	W	3000	3900	5500	5500	
Maximum Input Current	A	16.0	21.0	26.0	26.0	
Starting Current	A	2.5	3.0	3.5	4.0	
Compressor	Type	Twin Rotary				
Sound Pressure Level @ 1m	dB(A)	58	61	62	62	
Sound Power Level	dB(A)	69	70	71	71	
Dimensions	Net (W x D x H)	946 x 410 x 810	946 x 410 x 810	952 x 415 x 1333	952 x 415 x 1333	
	Packing (W x D x H)	1090 x 500 x 865	1090 x 500 x 865	1095 x 495 x 1480	1095 x 495 x 1480	
	Net / Gross Weight	kg	61 / 66.5	68.5 / 74	100 / 114	116 / 130
Refrigerant Piping	Type	R410A				
	Pre-Charged Length	m	15	15	15	15
	Charge Adjustment (Add or Remove)	g/m	30	30	30	30
Refrigerant Piping	Liquid / Gas Connections	mm	Φ9.52 / Φ15.9	Φ9.52 / Φ15.9	Φ9.52 / Φ15.1	Φ9.52 / Φ15.9
	Maximum Pipe Length	m	50	65	65	65
	Maximum Vertical Separation	m	25	30	30	30
Ambient Temperature Limits	°C	Cooling: -15 ~ 50. Heating -15 ~ 24				

Renowned for producing reliable, innovative and customised commercial air conditioning products, Rinnai is set to continue its position as the first choice for many Australians.

Rinnai Australia Pty Ltd

ABN 74 005 138 769

100 Atlantic Drive, Keysborough,
Victoria 3173

For further information visit

www.rinnai.com.au

or call 1300 555 545

TOTAL HOME COMFORT



Rinnai

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