

**Rinnai**



# Cassette

Inverter Air Conditioner



# No space, no problem

## At Rinnai, we're all about comfort

For over 50 years, Rinnai has supplied Australian homes with a range of appliances that help people lead comfortable, safe and efficient lifestyles.

Being driven to create comfort means that we really care about our products and your experience from start to finish. 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.



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

The super-efficient DC Inverter technology ensures that the system will heat or cool your premises faster, with precision control and lower running costs. Assuring you total comfort and peace of mind all year round.

## 360° of beautifully conditioned air

The Rinnai Inverter Cassette is flexible enough to allow a fresh-air system to work with the indoor fan and increase the volume of fresh air. The Cassette also features a simple on-board wiring connection arrangement to control an external powered fresh air fan.

## Ease & Convenience

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 capacity, the system suits almost any application as its compact size provides greater installation space.

# Features and Benefits



## 360° Air Flow

The 360° Airflow Fascia ensures optimal air distribution and total comfort in every corner of the room.



## Auto Restart Function

In the event of the power failure, the system will stop immediately. When the power returns, restart the systems and the unit will restart at the same settings.



## Heating and Cooling

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



## Infrared Remote Control

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 thermostat and Wi-Fi is also available.



## Wi-Fi Control\*

Set your favourite temperature from anywhere, with our intuitive Android or Apple App. Come home to ultimate comfort. \*Wi-Fi optional



## High Efficiency DC Inverter

More efficient than conventional electric heating, the DC inverter technology ensures a fast and controlled warm up and cool down while delivering effective energy savings.



## Built-In Drain Pump

Cleverly engineered Built-in drain pump ensures condensed water is drained out reliably.



## Easy Service Access

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

# 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)	mm	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)	mm	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		5 / 8	5 / 8	5 / 8	5 / 8
Condensate Drain Pipe Diameter	mm		OD Ø32	OD Ø32	OD Ø32	OD Ø32
Refrigerant Piping	Liquid / Gas Connections		Ø 9.52 / Ø 15.9	Ø 9.52 / Ø 15.9	Ø 9.52 / Ø 19	Ø 9.52 / Ø 19
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			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			69	70	71	71
Dimensions	Net (W x D x H)	mm	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	Ø 9.52 / Ø 15.9	Ø 9.52 / Ø 15.9	Ø 9.52 / Ø 15.1	Ø 9.52 / Ø 15.9
	Maximum Pipe Length		50	65	65	65
	Maximum Vertical Separation	m	25	30	30	30
Ambient Temperature Limits	°C		Cooling: -15 - 50. Heating -15 - 24			

With our policy of continuous improvement, we reserve the right to change, or discontinue at anytime, 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.

## Rinnai Australia Pty Ltd

ABN 74 005 138 769

100 Atlantic Drive,  
Keysborough, Victoria 3173

For further information  
call 1300 555 545 or visit  
rinnai.com.au

### TOTAL HOME COMFORT



HOT WATER



HEATING



COOLING

# Rinnai