

# Inverter Ducted Reverse Cycle

# Rinnai

*Relax with Rinnai.*



HEATING



COOLING

# Experience a new world of comfort

Ducted Reverse Cycle Inverter (DRCi) air conditioning enables total climate control. Heat and cool your home flexibly and cost effectively in just the way you'd like it to feel, all year round.

- more comfortable
- quicker to heat or cool
- less cost to run in comparison to conventional air conditioners.

## Summer Cool & Winter Warmth

A combination of control mechanisms constantly monitor the system operating conditions to maintain your desired climate setting. 3D DC synchronisation ensures a fast and controlled warm-up and cool-down.

## Environmentally minded

Our inverter air conditioning range incorporate R410A refrigerant, an environmental choice that is highly energy efficient.



## Exceptional Performance

Our Inverter air conditioning range is more than 3 times energy efficient than conventional electric heating. The full range complies with the Australian Government's Minimum Energy Performance Standards (MEPS) and is rated to Australian Standard AS-3283.3.

## 5 Year Warranty

A comprehensive 5 year parts and labour warranty provides you with total peace of mind. Fully supported by our national service capability.

# Total home comfort - year round

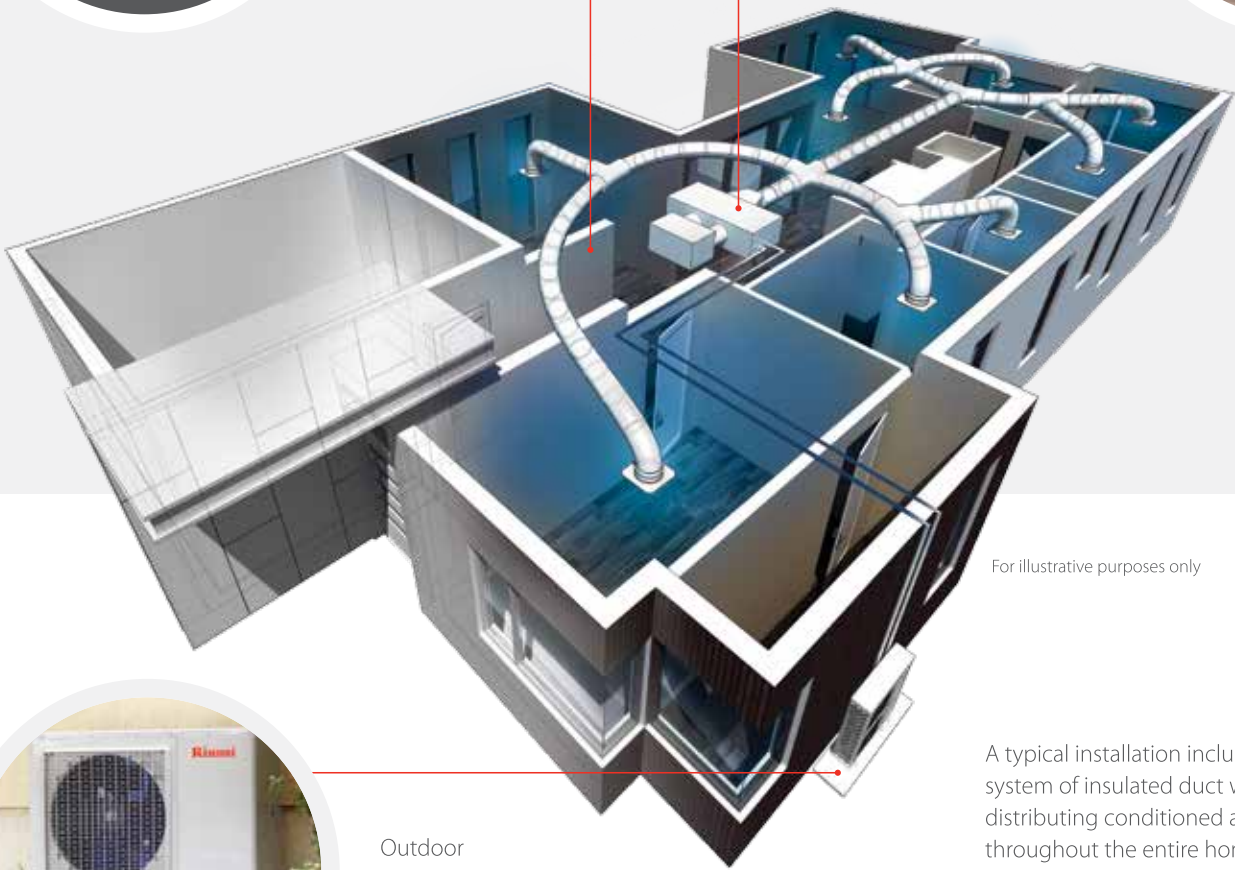
You can choose to acclimatise your entire home, or zone control selected areas of your home to your pre-selected level of comfort, generating even greater savings over time. Consult your specialist dealer for a zone control option to suit your specific application.



Programmable controllers



Indoor Fan Coil Unit installed within a roof space



For illustrative purposes only



Outdoor Condensing Unit

A typical installation includes a system of insulated duct work distributing conditioned air throughout the entire home.

## Technical Information

Rinnai - System Model No.		07	10	12	14	17
Nominal Capacity	kW	7	10	12	14	17
Power Supply (To Outdoor Unit)	V- Ph-Hz	220~240 - 1 - 50				
Maximum Input Power	W	3000	3900	5500	5500	6000
Maximum Input Current	A	16.0	21.0	26.0	26.0	30.0
Recommended Circuit Breaker Size	A	20	25	32	32	40
Cooling	<b>Rated Capacity</b>	<b>7.1</b>	<b>9.9</b>	<b>12.7</b>	<b>14.2</b>	<b>16.7</b>
	Capacity Range	2.8 ~ 8.4	4.0 ~ 12.0	5.0 ~ 15.0	5.6 ~ 16.1	6.8 ~ 19.0
	Rated Input Power	2066	3020	3821	4147	4883
	Rated Input Current	10.0	14.1	16.9	18.5	21.3
	AEER	W/W	3.37	3.23	3.30	3.40
Heating	<b>Rated Capacity</b>	<b>8.2</b>	<b>10.6</b>	<b>14.4</b>	<b>17.3</b>	<b>17.5</b>
	Capacity Range	3.0 ~ 9.0	4.2 ~ 12.5	5.0 ~ 17.0	5.8 ~ 19.0	7.0 ~ 20.0
	Rated Input Power	2383	3050	3863	4427	4417
	Rated Input Current	11.3	13.7	16.9	19.5	19.3
	AEER	W/W	3.40	3.45	3.70	3.87

Indoor Unit		DINLR07Z72	DINLR10Z72	DINLR12Z72	DINLR14Z72	DINLR17Z72	
Rated Input	W	200	450	450	450	600	
Rated Current	A	1.6	2.8	2.8	2.8	3.0	
Air Flow	High Speed	L/s (ESP)	490 (100 Pa)	675 (100Pa)	1075 (150Pa)	1075 (150Pa)	1100 (150Pa)
Maximum External Static Pressure (ESP)	Pa	160	160	200	200	200	
Noise Level	Sound Pressure @ 1.4m (Hi / Med / Lo)	dB(A)	45 / 41 / 38	49 / 46 / 42	49 / 46 / 42	49 / 45 / 42	49 / 46 / 42
Dimensions	Net (W x D x H)	mm	1100 x 720 x 248	1360 x 720 x 248	1200 x 625 x 380	1200 x 625 x 380	1400 x 858 x 440
	Packing (W x D x H)	mm	1305 x 805 x 305	1570 x 805 x 305	1485 x 675 x 450	1485 x 675 x 450	1605 x 910 x 505
	Net / Gross weight	kg	31 / 38	40 / 48	54 / 60	54 / 60	75 / 83
Duct Connections	Supply Air (W x H)	mm	926 x 175	1186 x 175	1000 x 253	1000 x 253	1188 x 385
	Return Air (W x H)	mm	1001 x 228	1261 x 228	1145 x 334	1145 x 334	1188 x 385
Condensate Drain Pipe Diameter		mm	ODØ25				
Refrigerant Piping	Liquid / Gas connections		Ø9.52 / Ø15.9	Ø9.52 / Ø15.9	Ø9.52 / Ø19.0	Ø9.52 / Ø19.0	Ø9.52 / Ø19.0
Moisture Removal	L/h		1.5	1.7	3.0	4.0	4.0
Controller	Type		Wired Programmable Controller				
Operating Range	°C		Cooling: 17 ~ 32. Heating: 0 ~ 30				

Outdoor Unit		DONSR07Z72	DONSR10Z72	DONSR12Z72	DONSR14Z72	DONSR17Z72	
Power Supply	V-Ph-Hz	220~240 - 1 - 50					
Starting Current	A	2.5	3.0	3.5	4.0	4.0	
Compressor	Type	Twin Rotary					
Sound Pressure Level @ 1m	dB(A)	58	61	62	62	62	
Sound Power Level	dB(A)	69	70	71	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	952 x 415 x 1333
	Packing (W x D x H)	mm	1090 x 500 x 865	1090 x 500 x 865	1095 x 495 x 1480	1095 x 495 x 1480	1095 x 495 x 1480
	Net / Gross weight	kg	61 / 66.5	68.5 / 74	100 / 114	116 / 130	116 / 130
Refrigerant Piping	Type		R410A				
	Pre-Charged Length	m	15	15	15	15	15
	Charge Adjustment (Add or Remove)	g/m	30	30	30	30	30
	Liquid / Gas Connections	mm	Ø9.52 / Ø15.9	Ø9.52 / Ø15.9	Ø9.52 / Ø19.0	Ø9.52 / Ø19.0	Ø9.52 / Ø19.0
	Maximum Pipe Length	m	50	65	65	65	65
Maximum Vertical Separation	m	25	30	30	30	30	
Ambient Temperature Limits	°C		Cooling: -15 ~ 50. Heating: -15 ~ 24				

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For further information visit [www.rinnai.com.au](http://www.rinnai.com.au) or call 1300 555 545