

**Rinnai**

# Ducted Air Conditioning



# Experience a new world of comfort

Ducted Reverse Cycle Inverter (DRCi) air conditioning enables total climate control. Heat and cool your home 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.



## Exceptional Performance

Our Inverter air conditioning range is 3 times more 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.

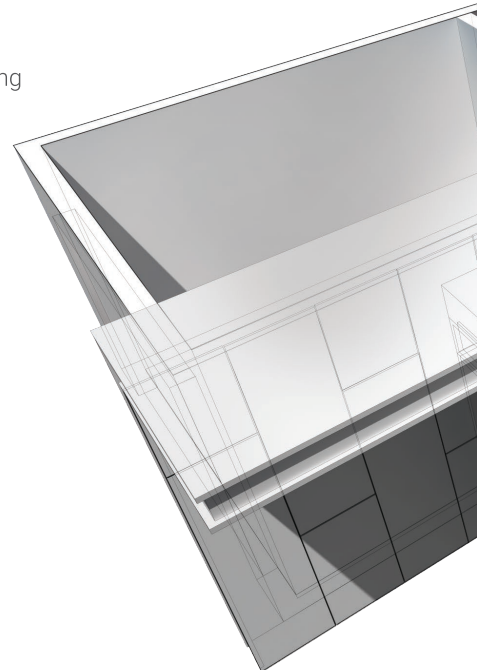


## 5 Year Warranty\*

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

## Controller Features

- On/off timer function
- Mode settings
- Fan speed setting
- Child lock
- LCD display





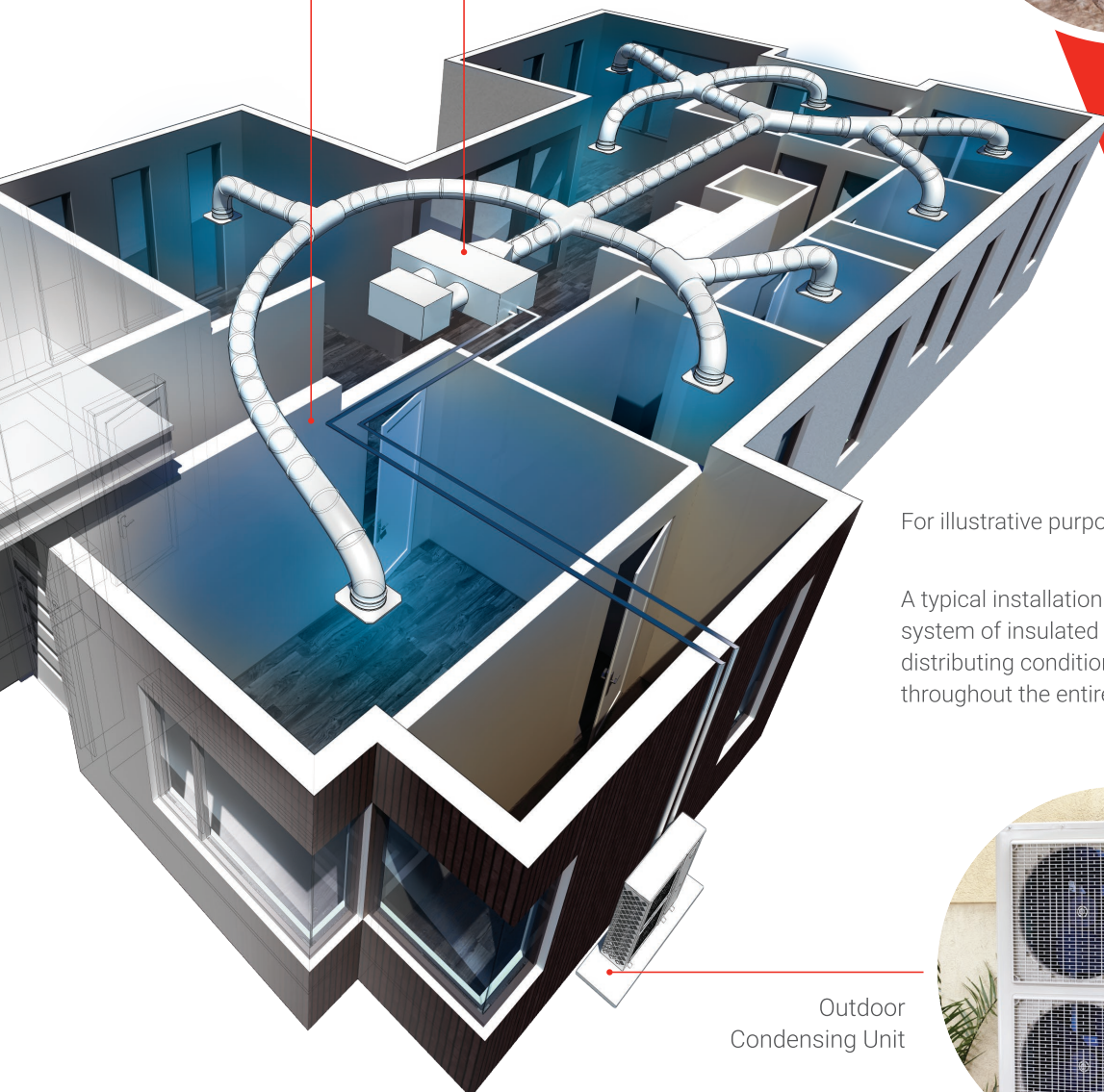
## Total home comfort - year round

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

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

Outdoor  
Condensing Unit



# 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			20	25	32	32	40
Cooling	Rated Capacity	kW	7.1	10.3	12.7	14.2	16.7
	Capacity Range		2.8 ~ 8.4	4.0 ~ 12.5	5.0 ~ 15.0	5.6 ~ 16.1	6.8 ~19.0
	Rated Input Power	W	2066	3109	3821	4147	4883
	Rated Input Current	A	10.0	13.7	16.9	18.5	21.3
	AEER	W/W	3.37	3.29	3.30	3.40	3.39
Heating	Rated Capacity	kW	8.2	10.3	14.4	17.3	17.5
	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	W	2383	2809	3863	4427	4417
	Rated Input Current	A	11.3	12.4	16.9	19.5	19.3
	AEER	W/W	3.40	3.63	3.70	3.87	3.94

Indoor Unit			DINLR07Z72	DINLR10Z721	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)	730(150pa)	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	47/43/40	49 / 46 / 42	49 / 45 / 42	49 / 46 / 42
Dimensions	Net (W × D × H)	mm	1100 × 720 × 248	1200 × 625 × 380	1200 × 625 × 380	1200 × 625 × 380	1400 × 858 × 440
	Packing (W × D × H)		1305 × 805 × 305	1485 × 675 × 450	1485 × 675 × 450	1485 × 675 × 450	1605 × 910 × 505
	Net / Gross weight	kg	31 / 38	53/60	54 / 60	54 / 60	75 / 83
Duct Connections	Supply Air (W × H)	mm	926 × 175	1000 × 283	1000 × 253	1000 × 253	1188 × 385
	Return Air (W × H)		1001 × 228	1145 × 334	1145 × 334	1145 × 334	1188 × 385
Condensate Drain Pipe Diameter			ODΦ25				
Refrigerant Piping	Liquid / Gas Connections		Φ9.52 / Φ15.9	Φ9.52 / Φ15.9	Φ9.52 / Φ19.0	Φ9.52 / Φ19.0	Φ9.52 / Φ19.0
Moisture Removal		L/h	2.1	2.7	2.9	3.3	3.3
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			69	70	71	71	71
Dimensions	Net (W × D × 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 × D × H)		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	Φ9.52 / Φ15.9	Φ9.52 / Φ15.9	Φ9.52 / Φ15.9	Φ9.52 / Φ15.9	Φ9.52 / Φ19.0
	Maximum Pipe Length	m	50	65	65	65	65
	Maximum Vertical Separation		25	30	30	30	30
Ambient Temperature Limits		℃	Cooling: -15 ~ 50. Heating: -15 ~ 24				

Capacities tested in accordance with AS/NZS 3823.3. Due to our policy of continuous improvement, specifications are subject to change without notice.

## Rinnai Australia Pty Ltd

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For further information visit

[www.rinnai.com.au](http://www.rinnai.com.au)

or call 1300 555 545

# Rinnai

TOTAL HOME COMFORT



HOT WATER



HEATING



COOLING

RA197.08.18