

# Rinnai



Ducted Heat Pumps

# Experience a new world of comfort

Relax and enjoy total home comfort with a Rinnai Ducted Heat Pump System. Our system can be installed in new or existing homes and provides a discreet look and feel inside the living areas of the home.

The indoor fan coil unit is concealed either in-ceiling or in a subfloor area (space permitting), and the outdoor unit can be located in a convenient area up to 50m away.



## Whole Home Temperature Control

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.



## Zoning

Zoning of rooms is deliverable via third-party zone controllers. Compatible systems include MyAir, AirTouch and iZone. Contact us for more information.



## Controller Features

- On/off timer function
- Mode settings - Heat, Cool, Auto, Fan only and Dehumidify
- Fan speed setting
- Child lock
- LCD display



## Wi-Fi Control

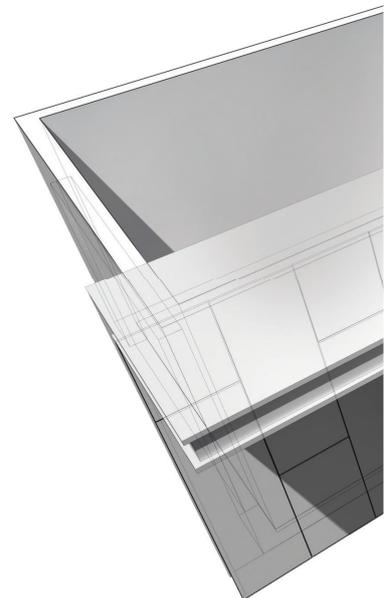
All Rinnai ducted heat pumps are supplied as standard with Wi-Fi control via an App. Simple activation and ease of use, the App can be downloaded via Google Play or iTunes on a compatible mobile device. Once installed and registered, you can operate your appliance on the go.

Basic functions like on/off and temperature control can be accessed through the App. Best of all, the Wi-Fi control allows you to switch on your heat pump from outside the home - Always come home to comfort, no matter what the weather.



## 6 Year Warranty\*

A comprehensive 6 year parts and labour warranty provides you with total peace of mind when installed by a Rinnai accredited installer.



\*Terms & conditions apply.



## 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 Rinnai dealer for a third party zone control option to suit your specific application.

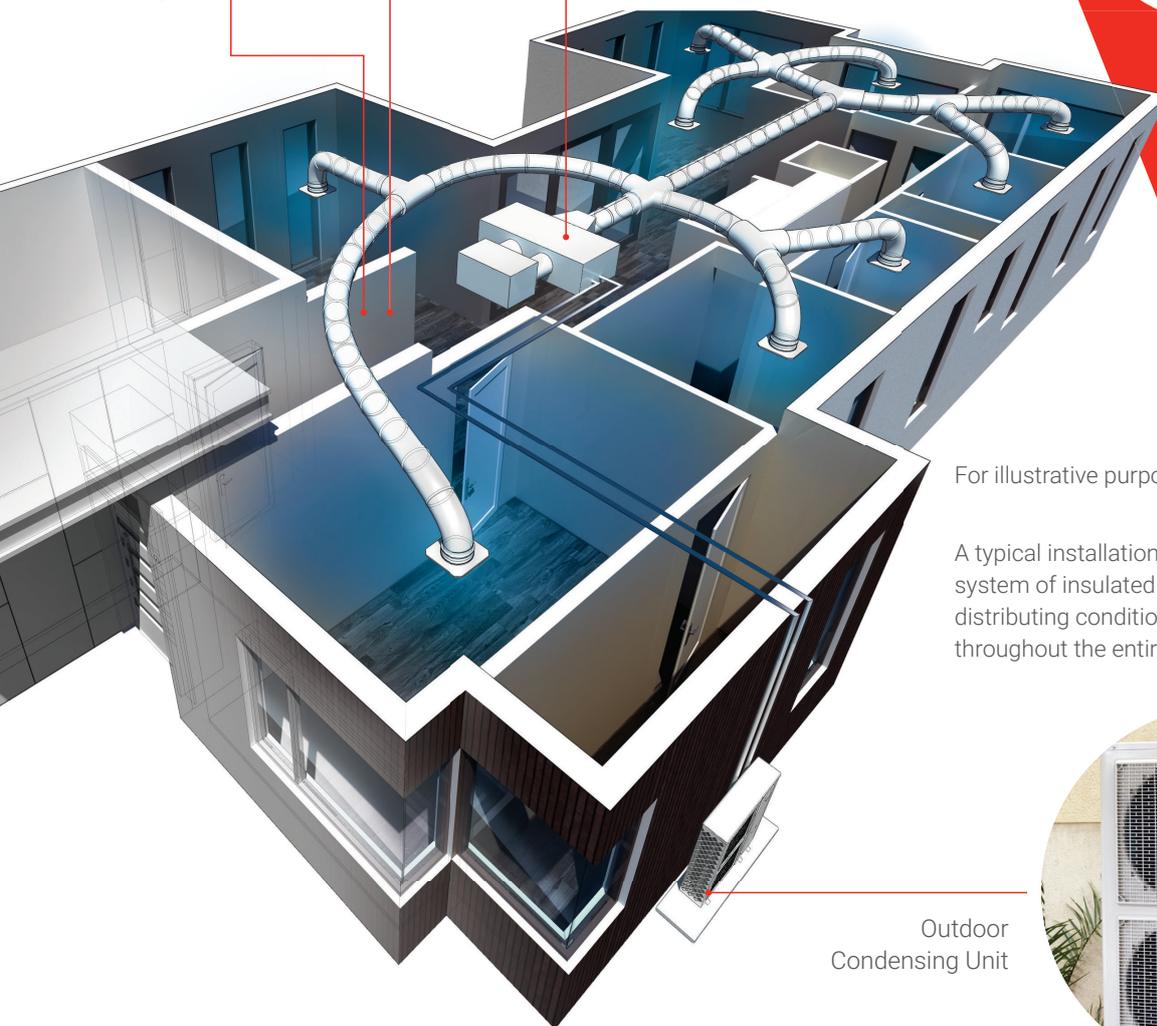


Wall mounted programmable controller & thermostat



Smart Port - WiFi Kit

Indoor Fan Coil Unit installed within a roof space (optional underfloor installation where space permits)



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.		DSNR07A12	DSNR10A12	DSNR12A12	DSNR14A12	
Nominal Heating Capacity	kW	8	10.5	14.5	17.5	
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	20	25	32	32	
Heating	Rated Capacity	kW	8.2	10.6	14.4	17.3
	Capacity Range		3.0 ~ 9.0	4.2 ~ 12.5	5.0 ~ 17.0	5.8 ~ 19.0
	Rated Input Power	W	2383	2809	3863	4427
	Rated Input Current	A	11.3	12.4	16.9	19.5
	ACOP	W/W	3.40	3.63	3.70	3.87
Cooling	Rated Capacity	kW	7.0	9.9	12.7	14.2
	Capacity Range		2.8 ~ 8.4	4.0 ~ 12.5	5.0 ~ 15.0	5.6 ~ 16.1
	Rated Input Power	W	2066	3109	3821	4147
	Rated Input Current	A	10.0	13.7	16.9	18.5
	AEER	W/W	3.37	3.29	3.30	3.40
Indoor Unit		DINLR07A12	DINLR10A12	DINLR12A12	DINLR14A12	
Rated Input	W	200	450	450	450	
Rated Current	A	1.6	2.8	2.8	2.8	
Air Flow	High Speed	L/s (ESP)	490 (100 Pa)	675 (100Pa)	1075 (150Pa)	1075 (150Pa)
Maximum External Static Pressure (ESP)	Pa	160	160	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
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
	Packing (W x D x H)		1305 x 805 x 305	1570 x 805 x 305	1485 x 675 x 450	1485 x 675 x 450
	Net / Gross weight	kg	31 / 38	40 / 48	54 / 60	54 / 60
Duct Connections	Supply Air (W x H)	mm	926 x 175	1186 x 175	1000 x 253	1000 x 253
	Return Air (W x H)	mm	1001 x 228	1261 x 228	1145 x 334	1145 x 334
Condensate Drain Pipe Diameter	mm	ØΦ25				
Refrigerant Piping	Liquid / Gas Connections	mm	Φ9.52 / Φ15.9			
Moisture Removal	L/h	2.1	2.5	2.9	3.3	
Controller	Type	Wired Programmable Controller plus Wi-Fi Module				
Operating Range	°C	Cooling: 17 ~ 32. Heating: 0 ~ 31				
Outdoor Unit		DONSR07A12	DONSR10A12	DONSR12A12	DONSR14A12	
Power Supply	V-Ph-Hz	220~240 - 1 - 50				
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	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
	Liquid / Gas Connections	mm	Φ9.52 / Φ15.9			
	Maximum Pipe Length	m	50	65	65	65
Maximum Vertical Separation	25		30	30	30	
Ambient Temperature Limits	°C	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.

View the warranty conditions prior to purchase at [rinnai.co.nz/warranty](http://rinnai.co.nz/warranty)

Rinnai is constantly improving its products, and as such, information and specifications are subject to change without notice. For the most up-to-date information, go to [rinnai.co.nz](http://rinnai.co.nz)

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