

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 such as My Air 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 - never return to a cold home in winter.



6 Year Warranty*

A comprehensive 6 year parts and labour warranty provides you with total peace of mind when installed by an authorised Rinnai Dealer.



*Terms & conditions apply.



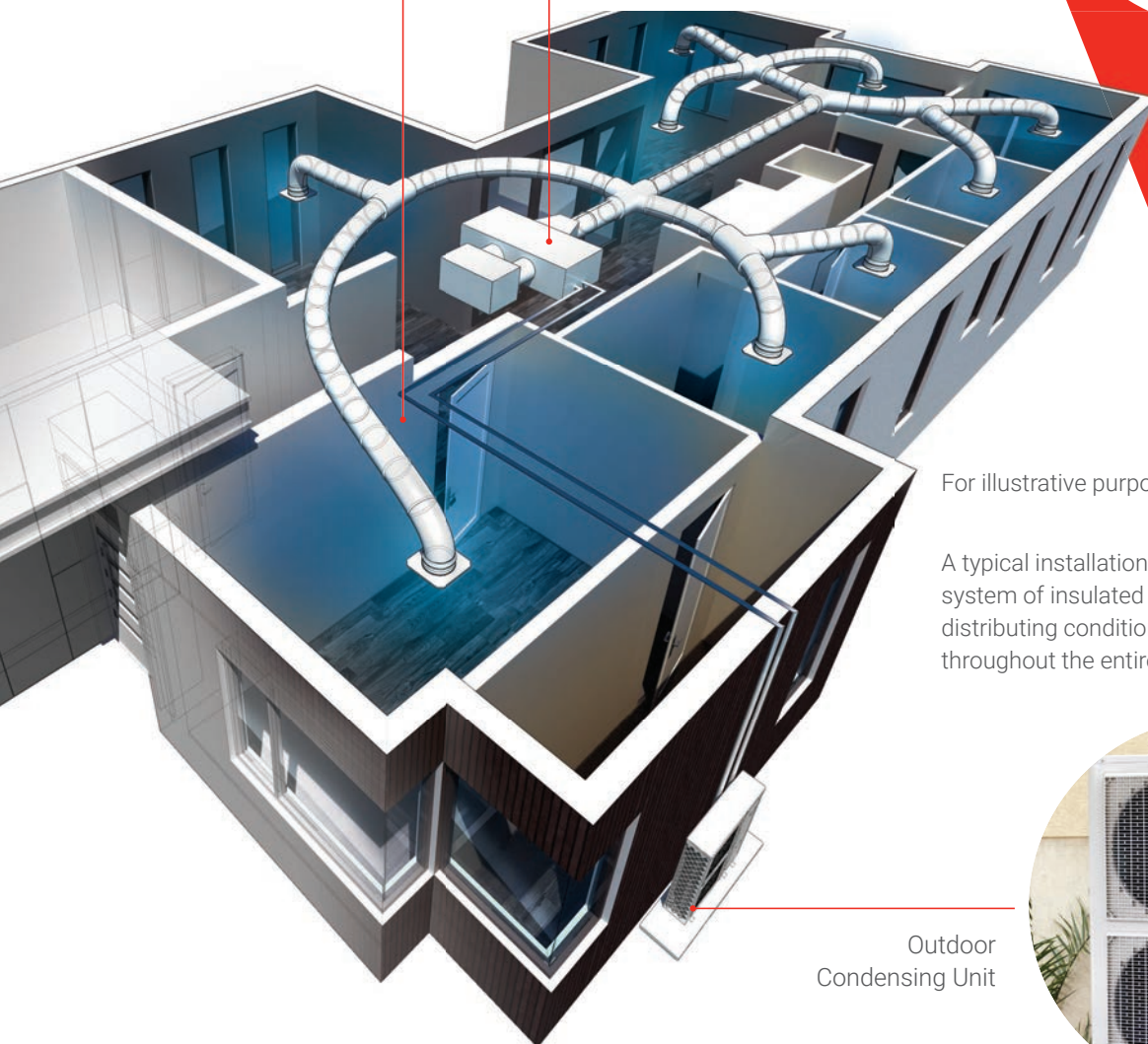
Total home comfort - year round

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

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	ODΦ25			
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			DONS07A12	DONS10A12	DONS12A12	DONS14A12
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.

Rinnai New Zealand

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Mangere, Auckland 2150
For further information visit
www.rinnai.co.nz
or call 0800 746 624



6 year parts and labour warranty when installed by an accredited Rinnai Dealer.

*Terms and Conditions apply.
Refer to www.rinnai.co.nz/warranty

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