

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.

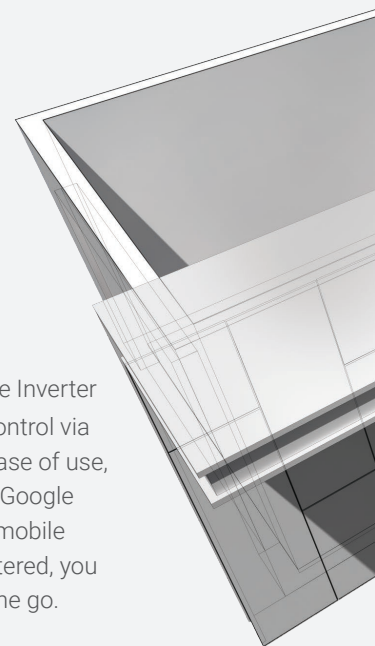
Controller Features

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

Wi-Fi Control

The Rinnai Ducted Reverse Cycle Inverter (DRCi) features optional 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 air conditioner from outside the home – creating the ultimate in convenience and comfort.



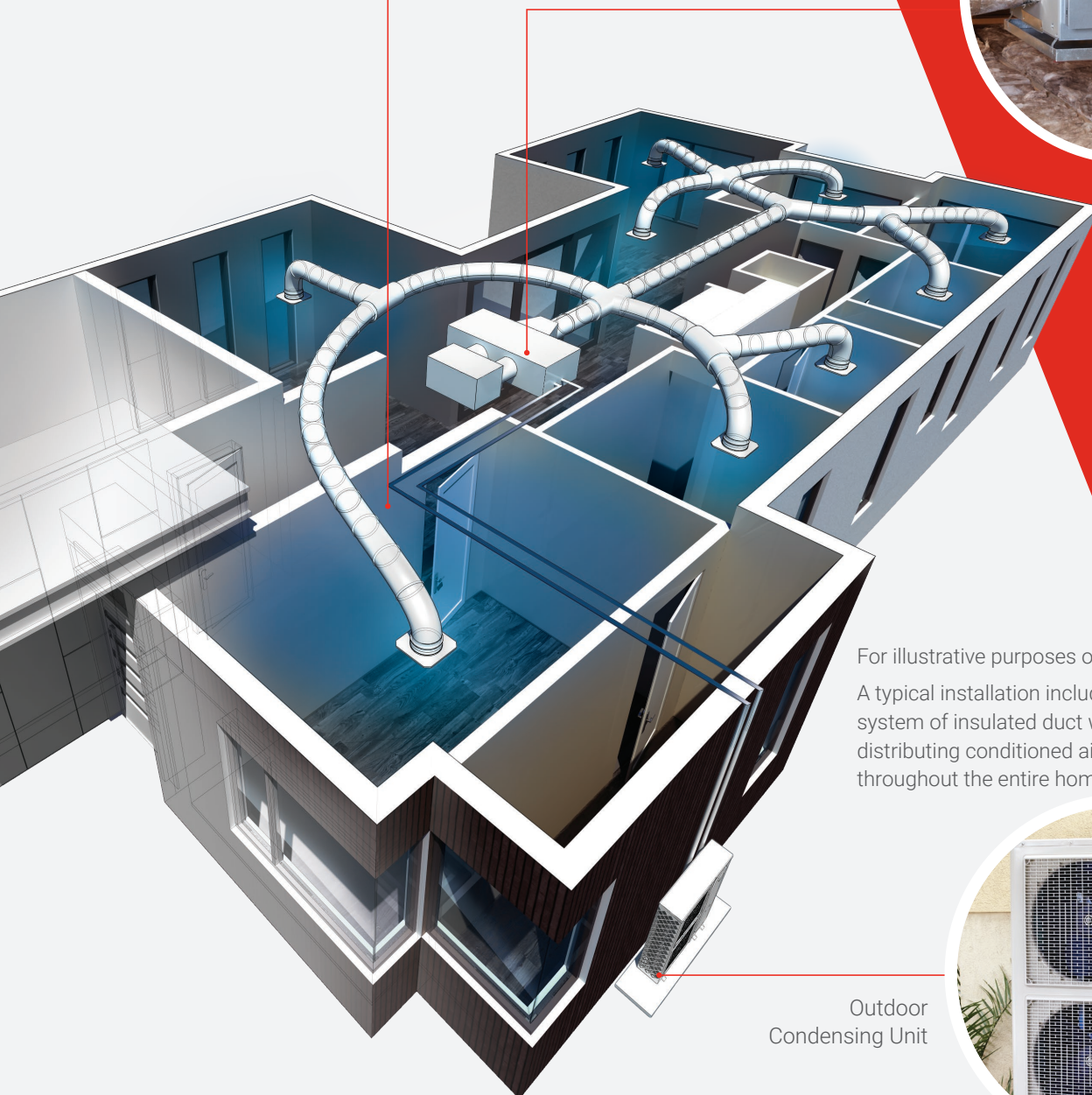
Total home comfort - year round

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 | 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 | 2066 | 3109 | 3821 | 4147 | 4883 |
| | Rated Input Current | 10.0 | 13.7 | 16.9 | 18.5 | 21.3 |
| | AEER | W/W | 3.37 | 3.29 | 3.30 | 3.40 |
| Heating | Rated Capacity | 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 | 2383 | 2809 | 3863 | 4427 | 4417 |
| | Rated Input Current | 11.3 | 12.4 | 16.9 | 19.5 | 19.3 |
| | ACOP | W/W | 3.40 | 3.63 | 3.70 | 3.87 |

| 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 | 200 | 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 x D x H) | mm | 1100 x 720 x 248 | 1200 x 625 x 380 | 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 | 1485 x 675 x 450 | 1485 x 675 x 450 | 1485 x 675 x 450 | 1605 x 910 x 505 |
| | Net / Gross weight | kg | 31 / 38 | 53 / 60 | 54 / 60 | 54 / 60 | 75 / 83 |
| Duct Connections | Supply Air (W x H) | mm | 926 x 175 | 1000 x 253 | 1000 x 253 | 1000 x 253 | 1188 x 385 |
| | Return Air (W x H) | | 1001 x 228 | 1145 x 334 | 1145 x 334 | 1145 x 334 | 1188 x 385 |
| Condensate Drain Pipe Diameter | | mm | ODΦ25 | | | | |
| Refrigerant Piping | Liquid / Gas Connections | | Φ9.52 / Φ15.9 | Φ9.52 / Φ15.9 | Φ9.52 / Φ15.9 | Φ9.52 / Φ15.9 | 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 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 | 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 | m | 25 | 30 | 30 | 30 | 30 | |
| Ambient Temperature Limits | °C | Cooling: -15 ~ 50. Heating: -15 ~ 24 | | | | | |

Capacities tested in accordance with AS/NZS 3823.2. With our policy of continuous improvement, we reserve the right to change, or discontinue at any time, specifications or designs without notice.

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Rinnai

TOTAL HOME COMFORT



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