# Q Series

## Inverter Split System

# Rinnai Q Series

Designed for Australia's ever-changing climate, the Rinnai Q Series Inverter Split System provides both cooling and heating all year round no matter where you live.

Packed with innovative features including Wi-Fi connectivity, self-cleaning function and sleep mode, the Q Series is the ultimate in providing complete comfort. This smart system can also work around your unique lifestyle with an ultra-practical timer function, allowing you to set the unit's operation times to achieve the perfect room temperature.

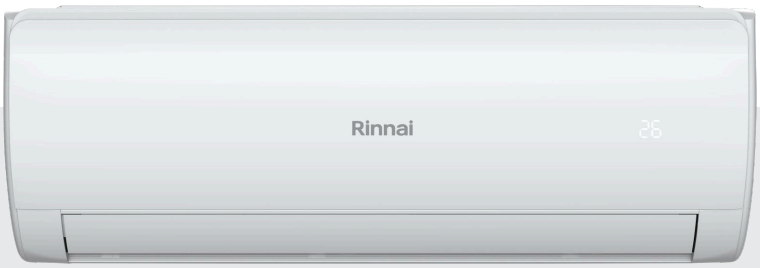
Encased in a sleek contemporary design, the Rinnai Q Series are durable, convenient and easy to maintain.

## At Rinnai, we're all about comfort

For over 50 years, Rinnai has supplied Australian homes with a range of appliances that help people lead comfortable, safe and efficient lifestyles.

Being driven to create comfort means that we really care about our products and your experience from start to finish. We're focused on developing products with the latest technology and our level of quality is second-to-none, so you can rest assured knowing Rinnai will deliver.

# Performance to keep you comfortable



### Ambient Temperature

The Rinnai Q Series will continue to perform with reliable operation even in extreme weather. Our units can work in ambient winter temperatures as low as -15°C and ambient summer temperatures as high as 52°C, an essential feature for the harsh climate conditions across Australia.

### Intelligent Defrosting

In areas with low ambient temperature where the outdoor temperature may fall below freezing, the outdoor unit will run in anti-frost mode and ensure high performance heating.

### Long Distance Air Supply

The Q Series will supply volumes of cool air with airflow distances reaching up to 15 metres, creating a comfortable environment wall to wall.

### Self-Diagnosis Function

In the unlikely event that there is abnormal operation, the system will switch off automatically, determine what is at fault and display an error code on the indoor unit.

# Features and Benefits

### Wi-Fi Control
Set your favourite temperature from anywhere, with our intuitive Android or Apple App. Come home to ultimate comfort.

### Self-Cleaning Function
End of season cleaning process dries the inside of the unit, ensuring its free from mold, bacteria and dust during extended periods of non-use.

### Quiet Operation
Designed to keep noise levels to a minimum without affecting performance, thanks to a cleverly designed air tunnel optimised to deliver better air distribution.

### 3D Airflow
Air blades can be controlled to swing both horizontally and vertically, allowing for balanced room temperature and comfort.

### Turbo Function
Quickly cool in summer or swiftly warm in winter.

### Sleep Mode
The Q Series intelligent sleep mode operates on a two-way temperature control that modulates up and down to mimic outside ambient temperatures, ensuring a comfortable sleep.

### Timer
A delay ON or OFF timer allows you to select a period of time (from 30 minutes to 24 hours), the unit will turn either on or off depending on its current status.

### Programmable Timer
7-day programmable timer can be operated via an iOS or Android Wi-Fi App for added functionality and control.

### Fresh Function
Every time the unit is turned off, a 3 minute cleaning cycle is ran, keeping the indoor unit free of excess moisture. This helps extend life of the unit whilst ensuring optimum performance and hygiene.

### R32 Refrigerant
R32 refrigerant has lower global warming potential than traditional refrigerants. Also provides higher energy efficiency while using lower refrigerant volumes.

### Demand Control
Equipped with demand response capability (DRED) to help reduce overall power consumption at critical peak load times**

*For full terms & conditions visit www.rinnai.com.au
**Subject to availability from your energy provider.

# Comfort at the touch of a button

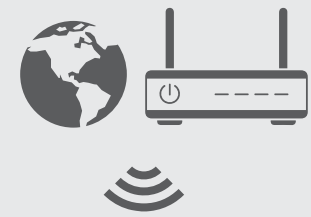
## Wi-Fi Control

The Rinnai Q Series features Wi-Fi control via an App.

Simple to activate and easy to use, the App can be downloaded via Google Play or the App Store on a compatible mobile device.

Once installed and registered, you can operate your appliance on the go. Basic functions like on/off, temperature control and fan speed 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.

Turn your Air Conditioner on or off, set your temperature, fan speed and more remotely from anywhere in the world with an Internet connection.



Your home's Internet router relays requests from the App to control your Air Conditioner just like the normal remote controller.

Set your favourite temperature before you come home - enjoy the comfort and energy savings.

Available to download via:

- Google Play
- App Store

## We're at your service

The National Customer Care Centre provides first class service and maintenance of your system, ensuring it's running at its highest efficiency - so you can enjoy the Rinnai experience for many years to come.

Operating 5 days a week (Monday to Friday)

**13 43 73**

# Technical Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Nominal Capacity | | kW | 2.5 | 3.5 | 5.0 | 7.0 | 8.0 |
| Power Supply to Outdoor Unit | | V-ph-Hz | 220~240 - 1 - 50 | | | | |
| Recommended Circuit Beaker | | A | 16 | 16 | 16 | 20 | 25 |
| Connectivity | | - | Wi-Fi Enabled | | | | |
| Demand Response Enabling Device | | - | DRED Enabled | | | | |
| Cooling | Rated Capacity | kW | 2.5 | 3.4 | 5.2 | 7.0 | 8.0 |
| | Capacity Range | | 0.8 ~ 3.3 | 0.8 ~ 4.2 | 0.85 ~ 6.4 | 0.95 ~ 7.8 | 1.30 ~ 8.50 |
| | Rated Power Input | W | 525 | 740 | 1200 | 1865 | 2400 |
| | Rated Current (Range) | A | 2.3 (0.9 ~ 6.0) | 3.3 (0.9 ~ 6.5) | 5.2 (1.5 ~ 8.1) | 8.1 (1.5 ~ 11.5) | 11.0 (3.1 ~ 18.0) |
| | AEER | W/W | 4.805 | 4.841 | 4.432 | 3.801 | 3.310 |
| | Star Rating | - | 5.0 | 5.0 | 4.0 | 3.0 | 2.0 |
| Heating | Rated Capacity | kW | 2.5 | 3.5 | 5.2 | 7.0 | 8.4 |
| | Capacity Range | | 0.8 ~ 3.4 | 0.8 ~ 4.2 | 0.9 ~ 6.5 | 0.85 ~ 8.0 | 2.6 ~ 8.8 |
| | Rated Power Input | W | 525 | 740 | 1210 | 1850 | 2550 |
| | Rated Current (Range) | A | 2.3 (0.7 ~ 5.2) | 3.3 (0.9 ~ 6.0) | 5.3 (1.4 ~ 8.0) | 8.0 (1.5 ~ 11.5) | 11.0 (2.6 ~ 17.0) |
| | ACOP | W/W | 4.905 | 4.864 | 4.422 | 3.868 | 3.270 |
| | Star Rating | - | 5.0 | 5.0 | 4.0 | 3.0 | 2.0 |
| Maximum Input Power (Cooling / Heating) | | W | 1340 /1340 | 1460 / 1460 | 2000 / 2000 | 2500 / 2500 | 3000 / 3000 |
| Maximum Input Current (Cooling / Heating) | | A | 6.0 / 6.0 | 6.5 / 6.5 | 9.0 / 9.0 | 11.5 / 11.5 | 18 .0/ 18.0 |
| Suitable Area Coverage (up to 2.6m insulated ceiling) | | m² | 13 ~ 22 | 18 ~ 30 | 27 ~ 45 | 37 ~ 61 | 42 ~ 70 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Air Flow (Turbo / Hi / Med / Lo / Silent) | | L/s | 194 / 176 / 147 / 115 / 105 | 305 / 255 / 197 / 152 / 138 | 333 / 291 / 243 / 186 / 156 | 361 / 327 / 258 / 198 / 169 | 372 / 323 / 276 / 230 / 180 |
| Sound Pressure @ 1.4m (Turbo / Hi / Med / Lo / Silent) | | dB(A) | 43 / 39 / 35 / 31 / 25 | 50 / 45 / 41 / 35 / 26 | 50 / 47 / 42 / 36 / 27 | 50 / 47 / 42 / 36 / 27 | 50 / 46 / 43 / 37 / 27 |
| Air Swing Louvres | | Direction | Horizontal & Vertical | | | | |
| Dimensions | Dimension (W x H x D) | mm | 850 × 300 ×198 | 970 × 315 × 235 | 1100 × 330 × 235 | 1100 × 330 × 235 | 1100 × 330 × 235 |
| | Packing (W x H x D) | | 920 × 370 × 282 | 1045 × 385 × 320 | 1180 × 400 × 320 | 1180 × 400 × 320 | 1180 × 400 × 320 |
| | Net / Gross Weight | kg | 9 / 11 | 12 / 14 | 14 / 17 | 14 / 17 | 14 / 17 |
| Operating Range | Cooling | ˚C | > 17°C | | | | |
| | Heating | | < 27°C | | | | |
| Standard Controller | | Model | Wireless Remote Control | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Sound Power Level | | dB(A) | 59 | 61 | 63 | 64 | 66 |
| Sound Pressure Level @ 1m | | | 50 | 53 | 54 | 55 | 59 |
| Dimensions | Dimension (W x D x H) | mm | 768 × 311 × 545 | 837 × 353 × 545 | 930 × 388 × 700 | 930 × 388 × 700 | 1010 × 430 × 803 |
| | Packing (W x D x H) | | 850 × 365 × 605 | 920 × 395 × 605 | 1020 × 430 × 755 | 1020 × 430 × 755 | 1105 × 495 × 890 |
| | Net / Gross Weight | kg | 27 / 31 | 30 / 34 | 47 / 51 | 47 / 53 | 61 / 65 |
| Refrigerant | | Type | R32 | | | | |
| Refrigerant Piping | Charged Volume | kg | 0.8 | 1.0 | 1.35 | 1.35 | 1.6 |
| | Pipe Size: Liquid / Gas | mm | Φ6.35 / Φ9.52 | Φ6.35 / Φ12.7 | Φ6.35 / Φ15.88 | Φ6.35 / Φ15.88 | Φ6.35 / Φ15.88 |
| | Maximum Pipe Length | m | 20 | 20 | 30 | 30 | 30 |
| | Chargeless Length | | 10 | 10 | 10 | 10 | 10 |
| | Extra Charge for Lengths >5m | g/m | 15 | 15 | 15 | 15 | 30 |
| | Maximum Vertical Separation | m | 12 | 12 | 20 | 20 | 20 |
| Ambient Temperature Limits | Cooling | ˚C | -15 ~ 52°C | | | | |
| | Heating | | -15 ~ 24°C | | | | |

Capacities tested in accordance with AS/NZS 3823.2, with 5m interconnecting pipe length. With our policy of continuous improvement, we reserve the right to change, or discontinue at any time, specifications or designs without notice.

Note: All images contained within this brochure are for illustrative purposes only, the colours and finishes of the products featured are as close to the respective product range as photographic lighting and printing processes allow.

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**TOTAL HOME COMFORT**

RA263.09.19