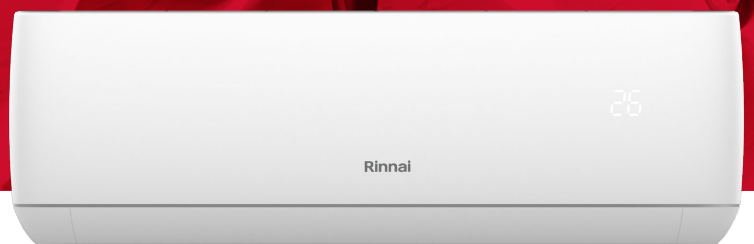


# Rinnai



## J Series

Inverter Split System



# Rinnai J Series

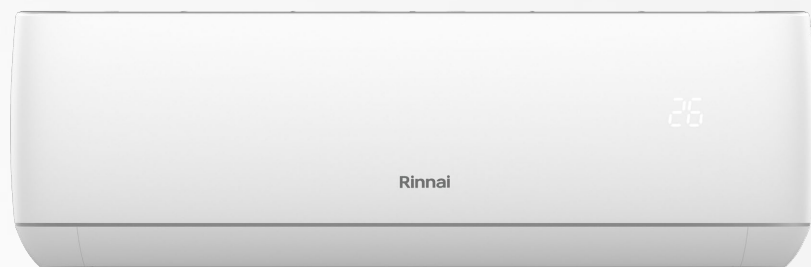
Australian homes not only vary in shape and size but have unique comfort requirements. The Wi-Fi compatible Rinnai J Series Inverter Split System powerfully delivers heating and cooling all year round- no matter where you call home.

Enjoy enhanced living benefits as the high density air filter assists with delivering optimum air quality, by absorbing undesirable contaminants. The intuitive fresh function keeps the indoor unit free of excess moisture - ensuring optimum performance and hygiene.

Built Rinnai resilient, the J Series efficiently operates in ambient temperatures ranging between -15°C to 52°C, utilising a next-generation R32 Refrigerant. This refrigerant has a lower carbon footprint, enhances unit operation efficiencies, with lower running costs and carbon footprint.

Enclosed in an elegant, matte outer casing, the Rinnai J Series also features convenient timer function, airflow distances of up to 15 metres and Sleep Mode- the ultimate companion in economical home comfort.





## **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.

# Expertly efficient for busy lifestyles

## Smart by design

Excellent efficiencies are only just the beginning. The Rinnai J Series indoor unit boasts a new sleek and contoured white matte finish.

The quiet outdoor unit features a robust, yet compact design, reducing outdoor space requirements, minimising the impact to your home.

## Kinder for the environment and your pocket

As we look towards a greener future, the J Series offers excellent class-leading efficiencies by utilising a R32 refrigerant which has a greater environmental performance than traditional refrigerants.

These improved efficiencies exceed energy performance requirements in Australia, meaning reduced running costs and lower environmental impact.

## Designed for Australians

With operation capabilities of ambient temperatures as low as  $-15^{\circ}\text{C}$  and ambient summer temperatures as high as  $52^{\circ}\text{C}$ , this resilience ensures strong unit performance regardless of our harsh and varied climates.

In cooler climates, where the outdoor temperature may fall to below freezing, the outdoor unit will run a practical anti-frost mode and ensure high performance heating.

## Refreshing comfort in every corner

New Fin-Shaped Louver optimises 3D air distribution and improve long distance air supply - meaning enjoyed comfort corner to corner.

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

## Enhanced Air Quality

Featuring a high density air filter to eliminate and absorb any unwanted contaminants, the J Series not only provides essential heating and cooling but enhances indoor air quality.



# Features and Benefits



## Wi-Fi Control

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



## Demand Control

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



## 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.



## 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.



## Sleep Mode

The J 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.



## Timers

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.

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



## Self-Cleaning Function

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



## Installed in a flash

Thoughtfully designed to ensure ease of installation, significantly reducing install time and costs



## Long Distance Air Supply

The J 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 a fault, the system will switch off automatically to protect itself, determine what is at fault and the indoor will display the relevant error code, to diagnose exactly what has gone wrong.

\*For full terms and conditions visit [www.rinnai.com.au](http://www.rinnai.com.au)

\*\*Subject to availability from your energy provider.

# Comfort at the touch of a button

## Wi-Fi Control

The Rinnai J 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.

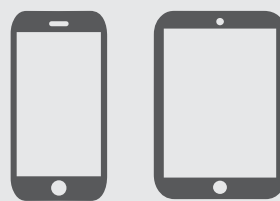
Once installed and registered, you can operate your appliance on the go. Basic functions like on/off, temperature control and fan speed can be accessed through the App. Best of all, the Wi-Fi control allows you to switch on your Air Conditioner from outside the home – creating the ultimate in convenience and comfort.

## 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)

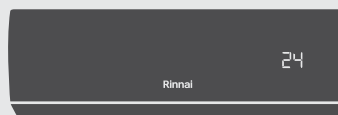
13 43 73



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

# Technical Information

| Rinnai - System Model No.                               |                              | HSNRJ25B                    | HSNRJ35B                    | HSNRJ50B                     | HSNRJ70B                       | HSNRJ80B                      |                  |
|---|------------------------------|-----------------------------|-----------------------------|------------------------------|--------------------------------|-------------------------------|------------------|
| 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 Breaker                             | A                            | 16                          | 16                          | 16                           | 20                             | 25                            |                  |
| Connectivity  | -                            | Wi-Fi Enabled               |                             |                              |                                |                               |                  |
| Demand Response Enabling Device                         | -                            | DRED Enabled                |                             |                              |                                |                               |                  |
| Cooling   | Rated Capacity               | kW                          | 2.5                         | 3.5                          | 5.0                            | 7.0                           | 8.0              |
|   | Capacity Range               |                             | 1.50-3.20                   | 0.80-4.30                    | 0.85-6.40                      | 1.80-7.20                     | 2.80-8.50        |
|   | Rated Power Input            | W                           | 560                         | 870                          | 1200                           | 2000                          | 2400             |
|   | Rated Current (Range)        | A                           | 2.50                        | 4.30                         | 5.40                           | 8.50                          | 11.00            |
|   | AEER                         | W/W                         | 4.52                        | 4.20                         | 4.17                           | 3.52                          | 3.33             |
| Star Rating: Hot / Average / Cold                       | -                            | 8.5 / 6.5 / 7.5             | 5.5 / 5.0 / 5.5             | 4.0 / 4.0 / 4.0              | 4.0 / 3.5 / 4.0                | 3.0 / 2.5 / 3.0               |                  |
| Heating   | Rated Capacity               | kW                          | 2.7                         | 4.0                          | 5.0                            | 8.2                           | 8.4              |
|   | Capacity Range               |                             | 1.5-3.3                     | 0.9-4.8                      | 0.9-6.5                        | 1.8-8.3                       | 2.6-8.8          |
|   | Rated Power Input            | W                           | 600                         | 1050                         | 1200                           | 2400                          | 2550             |
|   | Rated Current (Range)        | A                           | 3.0                         | 4.8                          | 5.3                            | 10.0                          | 11.0             |
|   | ACOP                         | W/W                         | 4.17                        | 4.10                         | 4.17                           | 3.42                          | 3.29             |
| Star Rating: Hot / Average / Cold                       | -                            | 3.5 / 3.0 / 2.5             | 3.0 / 2.5 / 2.0             | 3.0 / 2.5 / 2.0              | 3.5 / 2.0 / 1.5                | 2.5 / 2.0 / 1.5               |                  |
| Maximum Input Power (Cooling / Heating)                 | W                            | 1250                        | 1850                        | 2000                         | 2800                           | 3000                          |                  |
| Maximum Input Current (Cooling / Heating)               | A                            | 6.0                         | 9.5                         | 11.0                         | 14.0                           | 18.0                          |                  |
| Suitable Area Coverage (up to 2.6m insulated ceiling)   | m <sup>2</sup>               | 13-17                       | 18-24                       | 25-34                        | 35-47                          | 40-54                         |                  |
| Indoor Unit   |                              | HINRJ25B                    | HINRJ35B                    | HINRJ50B                     | HINRJ70B                       | HINRJ80B                      |                  |
| Air Flow (Turbo / Hi / Med / Lo / Min)                  | L/s                          | 183 / 164 / 144 / 125 / 83  | 236 / 217 / 189 / 164 / 133 | 292 / 258 / 231 / 197 / 152  | 361 / 319 / 286 / 244 / 189    | 347 / 306 / 275 / 236 / 183   |                  |
| Air Flow (Turbo / Hi / Med / Lo / Min)                  | m <sup>3</sup> /h            | 660 / 590 / 520 / 450 / 300 | 850 / 780 / 680 / 590 / 480 | 1050 / 930 / 830 / 710 / 550 | 1300 / 1150 / 1030 / 880 / 680 | 1250 / 1100 / 990 / 850 / 660 |                  |
| Sound Power Level                                       | dB(A)                        | 54                          | 50                          | 48                           | 61                             | 65                            |                  |
| Sound Pressure Level @ 1m (Turbo / Hi / Med / Lo / Min) | dB(A)                        | 43 / 38 / 34 / 30 / 20      | 42 / 39 / 35 / 31 / 22      | 40 / 37 / 34 / 31 / 22       | 50 / 48 / 44 / 40 / 37         | 50 / 48 / 44 / 40 / 37        |                  |
| Air Swing Louvres                                       | Direction                    | 4-way swing                 |                             |                              |                                |                               |                  |
| Dimensions  | Dimension (W x H x D)        | mm                          | 881 x 294 x 194             | 940 x 316 x 224              | 997 x 316 x 227                | 1132 x 330 x 232              | 1132 x 330 x 232 |
|   | Packing (W x H x D)          |                             | 965 x 370 x 282             | 1010 x 385 x 307             | 1070 x 385 x 312               | 1205 x 400 x 317              | 1205 x 400 x 317 |
|   | Net / Gross Weight           | kg                          | 9.5 / 11.5                  | 12.0 / 14.0                  | 13.5 / 16.5                    | 14.0 / 17.0                   | 14.0 / 17.0      |
| Operating Range   | Cooling                      | °C                          | 16°C                        |                              |                                |                               |                  |
|   | Heating                      |                             | 32°C                        |                              |                                |                               |                  |
| Wireless Remote Controller                              | Model                        | L                           |                             |                              |                                |                               |                  |
| Outdoor Unit  |                              | HONRJ25B                    | HONRJ35B                    | HONRJ50B                     | HONRJ70B                       | HONRJ80B                      |                  |
| Sound Power Level                                       | dB(A)                        | 59                          | 54                          | 52                           | 67                             | 66                            |                  |
| Sound Pressure Level @ 1m                               |                              | 49                          | 46                          | 44                           | 59                             | 59                            |                  |
| Dimensions  | Dimension (W x H x D)        | mm                          | 800 x 545 x 315             | 800 x 545 x 315              | 900 x 700 x 350                | 900 x 700 x 350               | 970 x 805 x 395  |
|   | Packing (W x H x D)          |                             | 920 x 620 x 400             | 920 x 620 x 400              | 1020 x 770 x 430               | 1020 x 770 x 430              | 1105 x 890 x 495 |
|   | Net / Gross Weight           | kg                          | 28 / 32                     | 30.5 / 34.5                  | 47 / 51                        | 48 / 52                       | 61 / 66          |
| Refrigerant   | Type                         |                             | R32                         |                              |                                |                               |                  |
|   | Charged Volume               | kg                          | 0.66                        | 1.00                         | 1.20                           | 1.35                          | 1.60             |
|   | Pipe Size: Liquid / Gas      | mm                          | 6.35 / 9.52                 | 6.35 / 12.70                 | 6.35 / 12.70                   | 6.35 / 15.88                  | 6.35 / 15.88     |
|   | Maximum Pipe Length          | m                           | 20                          | 20                           | 30                             | 30                            | 30               |
|   | Chargeless Length            |                             | 10                          | 10                           | 10                             | 10                            | 10               |
|   | Extra Charge for Lengths 10m | 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. In accordance with our policy of continuous improvement, Rinnai Australia reserves the right to make modifications, change specifications or discontinue models at any time without notice, however, we will endeavour to communicate major changes before implementation. Dimensions are subject to production tolerances and may vary slightly from those given. For full definitions of domestic and commercial use along with the full warranty conditions and exclusions, please refer to the owners manual. The images reproduced in this brochure are for illustrative purposes only, are not to scale and may vary in colour to those of the represented product.

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

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