Rinnai



J Series

Inverter Split System

Rinnai J Series

Australian homes not only vary in shape and size but have unique comfort requirements. With market leading efficiency, superior airflow and built in Wi-Fi and Voice control Rinnai J Series Inverter Split System powerfully delivers heating and cooling all year round - no matter where you call home.

Designed for Australians

With operation capabilities of ambient temperatures as low as -15°C and ambient summer temperatures as high as 52°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.

Enhanced Air Quality

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

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.

Smart design

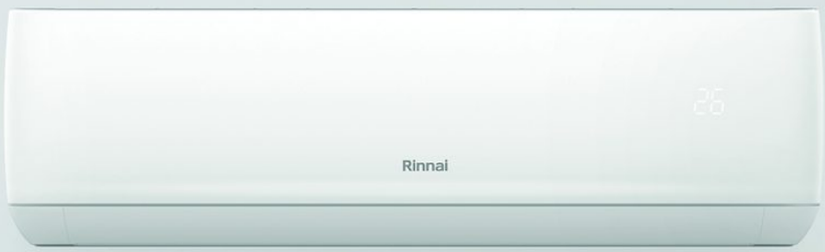
Enclosed in an elegant, matte outer casing, the Rinnai J Series also features convenient timer function, airflow distances of up to 15 metres and Sleep Mode - the ultimate companion in economical home comfort.

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.





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.



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

Comfort at the touch of a button

Wi-Fi Control

The Rinnai J Series features Wi-Fi control via the 'Freedom AC' App.

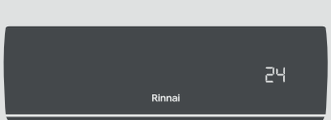
Simple to activate and easy to use, the App can be downloaded via Google Play or the App Store on a compatible mobile device.

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.

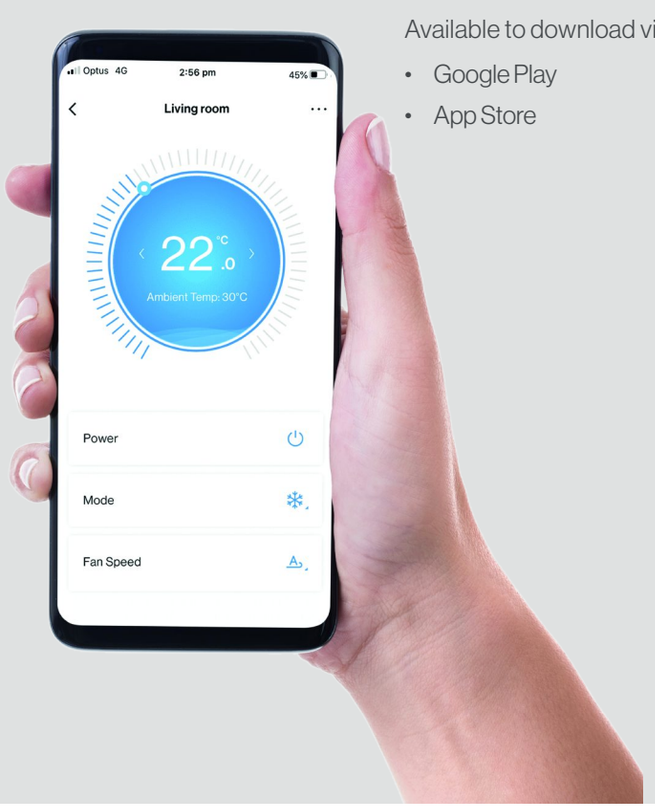


Set your favourite temperature before you come home - enjoy the comfort and energy savings.

Complete comfort with voice control

Take comfort to the next level through voice control via your Google Home and Amazon Alexa smart devices.

The Rinnai J Series is discoverable by the smart speakers, simply tell your smart device a command and comforting, conditioned air is delivered without lifting a finger.



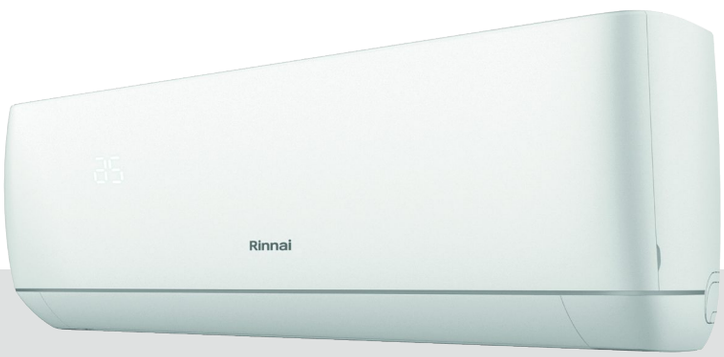
Available to download via:

- Google Play
- App Store

Features and Benefits

7 YEAR WARRANTY*

9 UP TO EFFICIENCY^



Market Leading Efficiency

The J Series range offers lower runnings costs with up to 9 star energy efficiency, without compromising on power and performance.

Ultimate Control

Take comfort to the next level with inbuilt Wi-Fi and Voice control to manage your favourite settings via Smartphone, Google Assistant and Amazon Alexa.

Long Distance Airflow

Powerful airflow to reach distances of up to 15 metres for superior air distribution.

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 run, keeping the indoor unit free of excess moisture. This helps extend life of the unit whilst ensuring optimum performance and hygiene.

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.

Sleep Mode

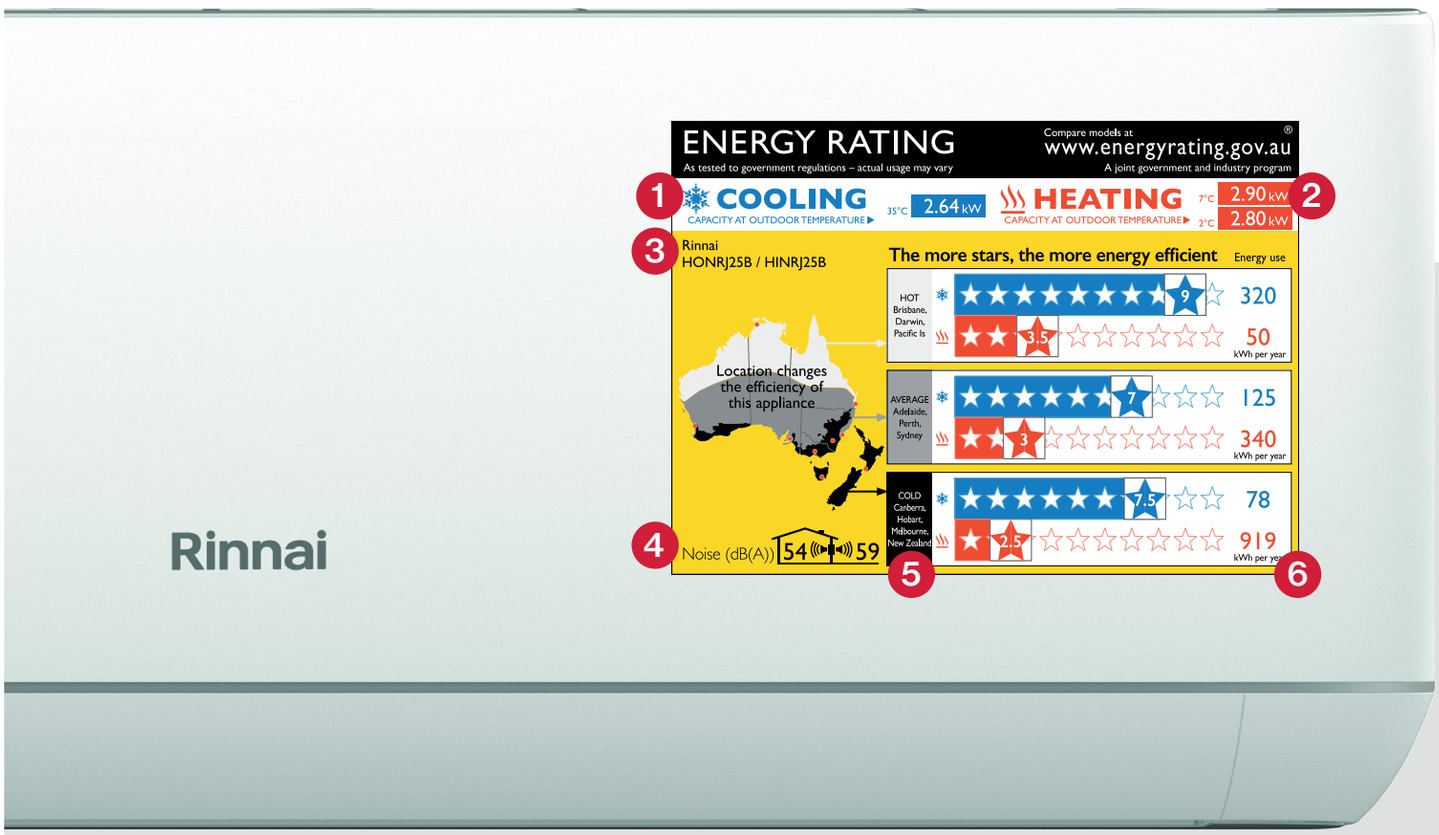
The J Series intelligent sleep mode operates on a two-way temperature control that modulates up and down to mimic outside ambient temperatures, ensuring a comfortable sleep.

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
**Subject to availability from your energy provider.
^25kW models in cool mode in Hot climates

Zoned Energy Rating Label



1 Cooling Capacity

The amount of cooling the Air Conditioner can provide when the outside temperature is above 35°c.

2 Heating Capacity

The amount of heating the Air Conditioner can provide when the outside temperature is 7°c and below 2°c.

3 Model Name and Number

4 Noise Levels - Sound Power

How loud the Air Conditioner will be when it is running. The number inside the house shows the inside noise levels, the number outside of the house illustrates the noise levels near the outdoor unit.

5 Efficiency Ratings Based on Locations

The efficiency of a product will change, dependent on the location in which it operates. There are three bands of ratings - Hot, Average and Cold areas in Australia and New Zealand. Use the map to determine which band to use.

6 Electricity usage

How much electricity the Air Conditioner will use each year for heating and cooling.

How to read the label

The performance of air conditioners is affected by the climate it is operating in. For this reason, new non-ducted household air conditioners must display a new Zoned Energy Rating Label that considers the climate you live in. The label provides an energy rating for three climate zones (hot, average and cold), helping you select an appliance that performs best in your location. Estimated annual energy use in kilowatt hours (kWh) is provided on the right of the label, for heating (red) and cooling (blue) in each climate zone. In addition, it has output capacity for heating at two outdoor temperatures and cooling at one outdoor temperature, as well as noise indicators at the bottom to show the volume in decibels (dB(A)) of the air conditioner.

Technical Information

Rinnai - System Model No.			HSNRJ25B1	HSNRJ35B1	HSNRJ50B1	HSNRJ70B1	HSNRJ80B1
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	2.64	3.5	5.2	7.0	8.0
	Capacity Range		0.6-3.2	0.80-4.30	1.3-5.7	1.80-7.5	2.80-8.50
	Rated Power Input	W	530	870	1280	2000	2400
	Rated Current (Range)	A	3.2	4.0	5.6	8.5	11.0
	AEER	W/W	4.94	4.00	4.04	3.51	3.33
	Star Rating: Hot / Average / Cold	-	9 / 7 / 7.5	5.5 / 5 / 5.5	4.5 / 4 / 4.5	4 / 3.5 / 4	3.0 / 2.5 / 3.0
Heating	Rated Capacity	kW	2.9	4.0	5.2	8.2	8.4
	Capacity Range		0.6-3.5	0.9-4.8	1.3-6.3	1.8-8.4	2.6-8.8
	Rated Power Input	W	680	1050	1260	2400	2550
	Rated Current (Range)	A	3.9	4.8	5.5	10.0	11.0
	ACOP	W/W	4.24	3.79	4.10	3.41	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	2300	2800	3000
Maximum Input Current (Cooling / Heating)		A	6.0	9.5	12.0	14.0	18.0
Suitable Area Coverage (up to 2.6m insulated ceiling)		m²	10-19	20-26	27-39	40-52	53-59
Moisture Removal		L/h	0.80	1.10	1.60	2.20	2.50
Indoor Unit			**HINRJ25B1**	**HINRJ35B1**	**HINRJ50B1**	**HINRJ70B1**	**HINRJ80B1**
Air Flow (Turbo / Hi / Med / Lo / Min)		L/s	172 / 153 / 135 / 117 / 78	236 / 207 / 186 / 164 / 114	292 / 258 / 231 / 197 / 153	361 / 319 / 283 / 244 / 189	347 / 306 / 275 / 236 / 183
Air Flow (Turbo / Hi / Med / Lo / Min)		m³/h	620 / 550 / 485 / 420 / 280	850 / 745 / 670 / 590 / 410	1050 / 930 / 830 / 710 / 550	1300 / 1150 / 1020 / 880 / 680	1250 / 1100 / 990 / 850 / 660
Airflow Distance		m	10	10	12	15	15
Sound Power Level		dB(A)	54	57	61	64	65
Sound Pressure Level @ 1m (Turbo / Hi / Med / Lo / Min)		dB(A)	43 / 38 / 34 / 30 / 22	46 / 42 / 39 / 35 / 24	49 / 44 / 41 / 36 / 29	50 / 48 / 44 / 40 / 36	50 / 48 / 44 / 40 / 37
Air Swing Louvres		Direction	4-way swing				
Dimensions	Dimension (W x H x D)	mm	881 × 294 × 194	940 x 316 x 224	997 × 316 × 227	1132 × 330 × 232	1132 × 330 × 232
	Packing (W x H x D)		965 × 370 × 282	1010 x 385 x 307	1067 × 385 × 312	1205 × 400 × 317	1205 × 400 × 317
	Net / Gross Weight	kg	9.5 / 11.0	12.0 / 14.5	13 .0/ 16.0	14.0 / 17.0	14.0 / 17.0
Operating Range	Cooling	˚C	16°C				
	Heating		32°C				
Wireless Remote Controller		Model	L				
Outdoor Unit			**HONRJ25B1**	**HONRJ35B1**	**HONRJ50B1**	**HONRJ70B1**	**HONRJ80B1**
Sound Power Level		dB(A)	59	61	60	64	66
Sound Pressure Level @ 1m			54	55	53	58	59
Dimensions	Dimension (W x H x D)	mm	800 × 545 × 315	800 × 545 × 315	900 × 700 × 350	900 × 700 × 350	970 × 805 × 395
	Packing (W x H x D)		920 × 620 × 400	920 × 620 × 400	1020 × 770 × 430	1020 × 770 × 430	1105 × 890 × 495
	Net / Gross Weight	kg	28 / 31	30.5 / 34	45 / 49	49 / 53	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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For further information
call 1300 555 545 or visit
rinnai.com.au

TOTAL HOME COMFORT

HOT WATER HEATING COOLING

Rinnai

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