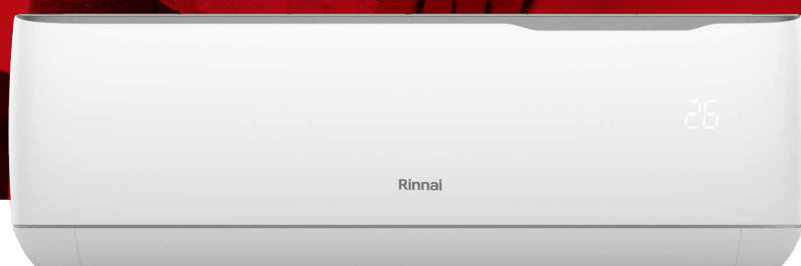


# Rinnai



## T Series

Inverter Split System



# Rinnai T Series

Australian homes not only vary in shape and size but have unique comfort requirements. The Wi-Fi compatible Rinnai T 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 T 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 and efficiencies, with lower running costs and carbon footprint.

Enclosed in an elegant, matte outer casing, the Rinnai T 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.



## 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**



# Expertly efficient for busy lifestyles

# Features and Benefits



## Smart by design

Excellent efficiencies are only just the beginning. The Rinnai T 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 T Series offers excellent class-leading efficiencies by utilising 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 operational capabilities across a wide range of ambient temperatures, the Rinnai T series will provide the comfort you need from conditions as low as -15°C all the way to peak 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, ensuring high performance heating.

## Refreshing comfort in every corner

New Fin-Shaped Louver optimises 3D air distribution and improves 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 absorb and eliminate any unwanted contaminants, the T Series not only provides essential heating and cooling but enhances indoor air quality.



## Wi-Fi Control

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

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



## 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 its clever design, 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.



## Sleep Mode

The T 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 T 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 T Series features Wi-Fi control via the 'Freedom AC' App.

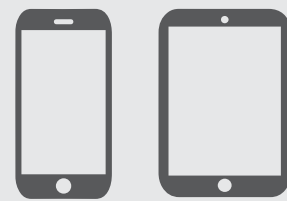
Simple to activate and easy to use, the App can be downloaded via Google Play or the App Store on a compatible mobile device.

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.

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



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.		HSNRT25B	HSNRT35B	HSNRT50B	HSNRT70B	HSNRT80B	
Nominal Capacity	kW	2.6	3.5	5.2	7.0	8.0	
Power Supply to Outdoor Unit	V - Ph - Hz	220-240 - 1 - 50					
Recommended Circuit Breaker	A	16.0	16.0	16.0	20.0	25.0	
Connectivity		Wi-Fi Enabled					
Demand Response Enabling Device		DRED Enabled					
Cooling	Rated Capacity	kW	2.64	3.50	5.20	7.00	8.00
	Capacity Range		0.6-3.2	0.8-4.3	1.3-5.7	1.8-7.5	2.8-8.5
	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		9.0 / 7.0 / 7.5	5.5 / 5.0 / 5.5	4.5 / 4.0 / 4.5	4.0 / 3.5 / 4.0	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)	m <sup>2</sup>	13-17	18-24	25-34	35-47	40-54	
Moisture Removal	L/h	0.8	1.1	1.6	2.2	2.5	
Indoor Unit		HINRT25B	HINRT35B	HINRT50B	HINRT70B	HINRT80B	
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	
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 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	1067 x 385 x 312	1205 x 400 x 317	1205 x 400 x 317
	Net / Gross Weight	kg	9.5 / 11.0	12.0 / 14.5	13.0 / 16.0	14.0 / 18.0	14.0 / 17.0
Operating Range	Cooling	°C	16°C				
	Heating		32°C				
Outdoor Unit		HONRT25B	HONRT35B	HONRT50B	HONRT70B	HONRT80B	
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 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 / 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  
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[rinnai.com.au](http://rinnai.com.au)

**TOTAL HOME COMFORT**



HOT WATER



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