

# Rinnai



## VX Series

Inverter Split System



# Rinnai VX Series

Australian homes come in many forms, each with its own comfort demands. The Rinnai VX Series inverter split system is engineered to deliver powerful, reliable heating and cooling throughout the year. Combining outstanding energy efficiency with strong airflow and integrated Wi-Fi and voice control, the VX Series is designed to perform wherever you live.

## Built for Australian conditions

The VX Series is designed to operate in a wide range of temperatures, maintaining dependable performance in outdoor conditions as cold as  $-15^{\circ}\text{C}$  and in extreme heat up to  $52^{\circ}\text{C}$ . This robust capability allows the system to perform consistently across Australia's diverse and often challenging climates.

In colder regions where temperatures can drop below freezing, the outdoor unit activates a smart anti-frost function to support efficient and reliable heating when it's needed most.

## Improved indoor air quality

Breathe easier with a high-density air filtration system that helps reduce airborne impurities and unwanted particles. The built-in fresh function works to minimise excess moisture inside the unit, supporting cleaner operation, improved hygiene and long term performance.

## Efficient for today and tomorrow

Designed with sustainability in mind, the VX Series uses R32 refrigerant, offering a lower environmental impact compared to traditional refrigerants. With up to 6.5-star energy rating, the VX Series exceeds Australian energy performance standards, helping reduce energy consumption, running costs and overall environmental footprint.

## Thoughtful, modern design

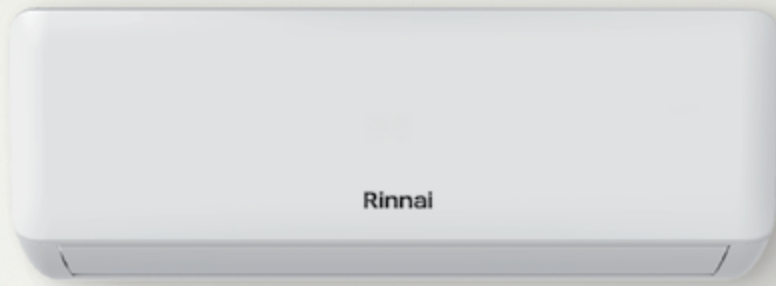
Finished in a sleek matte exterior, the VX Series blends seamlessly into modern interiors. Practical features such as programmable timers, extended airflow reach of up to 12 metres<sup>1</sup> and a dedicated sleep mode make it a smart solution for everyday comfort and energy savings.

## Comfort that reaches every space

An advanced fin-shaped louvre enhances 3D airflow, improving air circulation and long distance delivery so comfort can be felt throughout the room. Adjustable air blades allow both horizontal and vertical movement, ensuring even coverage from wall to wall.



<sup>1</sup>Based on internal laboratory testing using a 70 kW indoor unit in Cooling Mode, with an airflow of 1330 m<sup>3</sup>/h and a swing angle of 40°. Actual performance may vary depending on room size, layout, ambient conditions, and user behaviour.



## 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 your experience with our products. We design products with reliable technology and quality construction, ensuring dependable performance in everyday use.



## We're at your Service

1stCare, Rinnai's national service network, provides expert service and service maintenance for Rinnai Group units, including Rinnai, Brivis, APAC, Polo, and select iZone and Kaden products. Our fully qualified technicians use only genuine spare parts for fast, reliable service.

Service, repair, and warranty assessment works are conducted 8:30am – 5:00pm AEST, Monday to Friday (excluding public holidays).

Call us on 1300 555 545 or book a service online at [rinnai.com.au/support-resources/online-service-booking](http://rinnai.com.au/support-resources/online-service-booking)

## Optimising Performance

Follow the service maintenance schedule applicable to your product and carry out any routine user maintenance as outlined in the Operation Manual and/or Warranty Booklet provided. These simple steps help keep your units efficient and reliable, so you can enjoy the full Rinnai experience year after year.

# Comfort at the Touch of a Button

## Wi-Fi Control

The Rinnai VX Series features Wi-Fi control via the AC Freedom app.

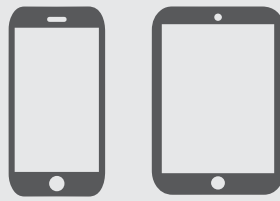
Simple to activate and easy to use, the app can be downloaded via Google Play or the Apple App Store on a compatible mobile device.

Once installed, the AC Freedom app can be used to manage key functions including on/off, temperature and fan speed. With Wi-Fi control, you can also switch on your inverter split system from outside the home for added convenience.

## 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 VX Series is discoverable by the smart speakers, simply tell your smart device a command and comforting, conditioned air is delivered.



Turn your inverter split system on or off, set the required temperature, fan speed and more, remotely with an internet connection.



Your home's internet router relays requests from the AC Freedom app to control your inverter split system just like the normal remote controller.



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



Available to download via:



# Features and Benefits



## Ultimate Control

Take comfort to the next level with inbuilt Wi-Fi and voice control to manage your favourite settings via the AC Freedom app<sup>1</sup>, Google Assistant or Amazon Alexa.



## Self-Cleaning Function

The self-cleaning function sterilises at 57°C and dries the unit at the end of the season, reducing up to 99.99% of mould, bacteria and dust trapped on the coils during long periods of non-use.<sup>3</sup>



## Demand Control

Equipped with Demand Response Enabling Device (DRED) to help reduce overall power consumption at critical peak load times.<sup>4</sup>



## Quiet Operation

Designed to keep noise levels to as minimum as 31 dB(A) 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 the life of the unit whilst ensuring optimum performance and hygiene.



## Long Distance Airflow

Powerful airflow to reach distances of up to 12 metres for superior air distribution.<sup>2</sup>



## 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.



## Dual Side Installation

The water outlet can be installed on either left or right of the water tray for convenience.



## Sleep Mode

The VX 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 unit will display the relevant error code to diagnose exactly what has gone wrong.

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

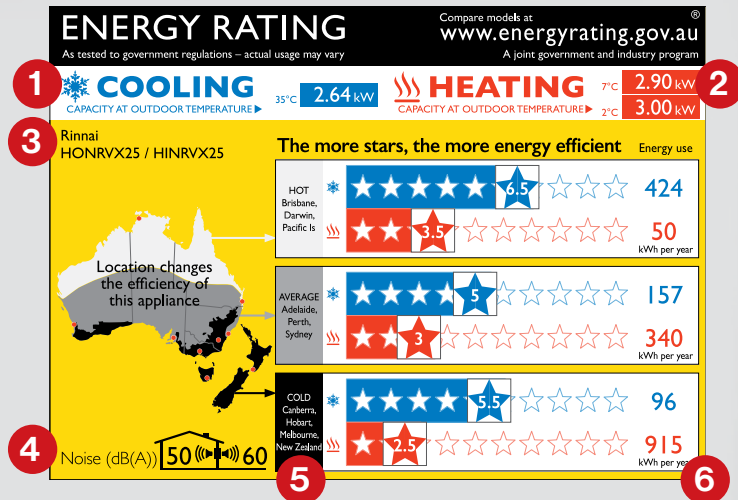
<sup>1</sup>Rinnai uses a third-party application (App) to enhance your experience of the Rinnai product. You may use the App at your sole discretion. Please note that when you download and use the App and its services, the third-party's privacy policy and terms and conditions of service will apply. By using the Rinnai product through this App, you acknowledge and agree that: The third-party App may collect, store, and process your personal information according to its own privacy policy and App terms and conditions. Rinnai does not control and are not responsible for the content, policies, or practices of the third-party App and its services. Rinnai strongly recommends that you review the App privacy policy before using its features. The use of the third-party App is optional. For further information or clarification, please contact us at 1300 555 545 and [privacy@rinnai.com.au](mailto:privacy@rinnai.com.au).

<sup>2</sup>Based on internal laboratory testing using a 7.0 kW indoor unit in Cooling Mode, with an airflow of 1330 m<sup>3</sup>/h and a swing angle of 40°. Actual performance may vary depending on room size, layout, ambient conditions, and user behaviour.

<sup>3</sup>Self-Cleaning function requires manual activation. Tested by SGS, Shanghai. Report No. SHES240901873673, a third-party laboratory.

<sup>4</sup>Subject to availability from your energy provider.

# Zoned Energy Rating Label



Rinnai

## 1 Cooling Capacity

The amount of cooling the inverter split system can provide when the outside temperature is above 35°C.

## 2 Heating Capacity

The amount of heating the inverter split system 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 inverter split system 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 inverter split system will use each year for heating and cooling.

### How to read the label

The performance of inverter split systems is affected by the climate it is operating in. For this reason, new non-ducted household inverter split system 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 inverter split system.

# Technical Information

Rinnai - VX Series Hi-Wall Split System Model No.		HSNRVX25	HSNRVX35	HSNRVX50	HSNRVX70	
Nominal Capacity	kW	2.6	3.5	5.3	7.0	
Power Supply to Outdoor Unit	V - Ph - Hz	220-240 - 1 - 50				
Recommended Circuit Breaker	A	16	16	16	20	
Connectivity	-	Wi-Fi Enabled				
Demand Response Enabling Device	-	DRED Enabled				
Cooling	Rated Capacity	2.6	3.5	5.3	7.0	
	Capacity Range	0.3-4.0	0.8-4.1	1.3-5.8	1.8-7.4	
	Rated Power Input	W	670	940	1630	2150
	Rated Current (Range)	A	3.5 (1.4-7.0)	4.8 (0.7-8.0)	7.4 (2.2-9.5)	9.5 (1.5-11.5)
	Annualised Energy Efficiency Ratio [AEER]	W/W	3.911	3.694	3.239	3.262
	Star Rating: Hot / Average / Cold	-	6.5/5.0/5.5	5.0/4.5/5.0	4.0/3.5/4.0	3.5/3.5/3.5
Heating	Rated Capacity	kW	2.9	4.0	5.3	8.2
	Capacity Range	0.3-4.2	0.8-4.5	1.3-6.0	1.8-8.3	
	Rated Power Input	W	670	1080	1560	2450
	Rated Current (Range)	A	3.5 (1.4-7.0)	5.0 (0.7-8.0)	7.2 (2.0-8.2)	11.0 (1.5-12.5)
	Annual Coefficient of Performance [ACOP]	W/W	4.296	3.678	3.384	3.336
	Star Rating: Hot / Average / Cold	-	3.5/3.0/2.5	3.5/2.5/1.5	3.5/2.5/2.0	3.0/2.0/1.5
Maximum Input Power (Cooling / Heating)	W	1500	1600	2400	3400	
Maximum Input Current (Cooling / Heating)	A	7.5	8.0	12.0	16.0	
Suitable Area Coverage (up to 2.6m insulated ceiling)	m <sup>2</sup>	13-17	18-24	25-34	35-47	

Indoor Unit		HINRVX25	HINRVX35	HINRVX50	HINRVX70
Air Flow (Turbo / Hi / Med / Lo / Min) - Cooling	L/s	156/139/128/119	167/147/132/117	236/203/181/153	361/333/281/242
Air Flow (Turbo / Hi / Med / Lo / Min) - Heating	L/s	181/167/147/139	167/153/133/117	250/217/194/153	333/286/258/242
Moisture Removal	L/h	0.5	1.0	1.6	3.0
Sound Power Level	dB(A)	50	51	58	63
Sound Pressure Level @ 1m (Turbo / Hi / Med / Lo / Min)	dB(A)	42/39/35/31	43/41/38/34	48/44/40/37	53/49/45/41
Dimensions	Dimension (W x H x D)	750×285×200	750×285×200	900×310×225	1080×330×234
	Packing (W x H x D)	806×346×267	806×346×267	950×372×292	1135×390×302
	Net / Gross Weight	kg	7.5/9.0	7.5/9.0	11.0/14.0
Operating Range - Cooling	°C	16			
Operating Range - Heating	°C	32			

Outdoor Unit		HONRVX25	HONRVX35	HONRVX50	HONRVX70	
Sound Power Level	dB(A)	60	60	63	63	
Sound Pressure Level @ 1m		49	50	53	56	
Dimensions	Dimension (W x H x D)	705×530×279	705×530×279	785×555×300	900×700×350	
	Packing (W x H x D)	825×595×326	825×595×326	905×615×372	1015×757×415	
	Net / Gross Weight	kg	24/27	24/27	28/31	41/43
Refrigerant	Type	R32				
	Charged Volume	kg	0.50	0.50	1.03	1.30
	Pipe Size: Liquid / Gas	mm	6.35/9.52	6.35/9.52	6.35/12.70	6.35/15.88
	Maximum Pipe Length	m	20	20	30	30
	Chargeless Length		10			
	Extra Charge for Lengths >10m	g/m	16	16	24	24
Maximum Vertical Separation	m	12	12	20	20	
Ambient Temperature Limits - Cooling	°C	-15 - 52				
Ambient Temperature Limits - Heating	°C	-15 - 24				

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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