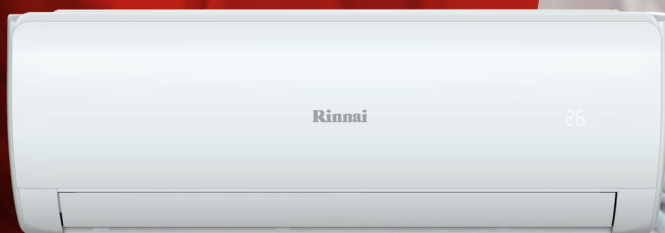


Rinnai

Q Series

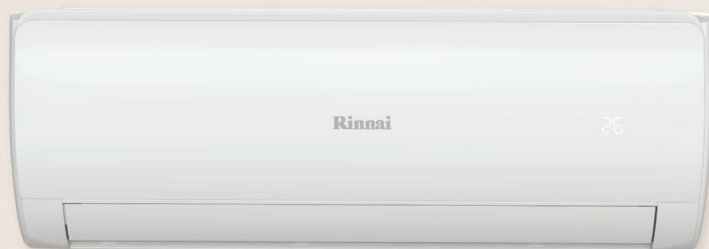
Inverter Split Systems



Creating comfort in the home.

Australians have been enjoying the comfort, convenience and reliability of Rinnai household appliances in their homes for over 40 years. Our mission has always been to offer appliances that are essential in helping people lead comfortable, safe and efficient lifestyles. Operating in almost 20 countries, Rinnai utilises global technological expertise to innovate comfort solutions suited to the Australian way of life. As a leader in hot water, heating and cooling solutions, Rinnai has become a trusted household name, providing reliable, high quality products, ensuring your home is always a place of relaxation and comfort.





Q Series

The new Q Series range of Rinnai Inverter Split System air conditioners are a true testament to our passion for state of the art technology and design innovation. Created by a dedicated team of engineers, this new generation in Split System technology offers a level of in-home climate control that fits our increasingly wireless lifestyle. Sleek design and in-built Wi-Fi technology ensure that you can maintain a comfortable temperature in your home... from almost anywhere or before you even arrive home. With the use of R32 refrigerant the Q Series achieves greater energy efficiency ratings, demonstrating our ongoing quest for sustainable solutions. The stylish range is available in 5 sizes to suit virtually any room or household.



Features



Design

A sleek, compact, modern profile, across the range, allows seamless integration into any home.



Demand Control

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



Quiet Operation

The unit is 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.



Multiple Fan Speeds

The unit has the ability to run on turbo mode to rapidly reach set temperatures within a shorter period of time, as well as the option of a 'quiet' mode once the room has reached set temperature.



Sleep Mode

Designed to control the temperature overnight to ensure high quality, comfortable sleep. Traditional sleep mode temperature control is one way; however our intelligent sleep mode system operates on two-way temperature control that modulates up and down to mimic outside ambient temperatures.



Timer

A delay ON or OFF timer allowing you to select a period of time (from 30 minutes to 24 hours) and 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

To keep the indoor unit free of excess moisture (particularly through summers with high relative humidity), the fresh function will run a 3-minute cleaning cycle every time the unit is turned off. This can help extend the life of the unit whilst ensuring optimum performance and hygiene.



Self-Cleaning Function

The Clean function is an end of season cleaning process to dry the inside unit if it is not going to be used for extended periods of time. This function takes the hassle out of needing to clean the unit and also ensures it is free from mould, bacteria and dust.



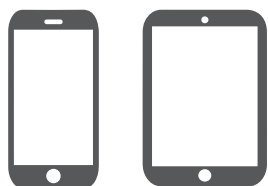
R32 Refrigerant

The Q Series uses the more ozone friendly refrigerant R32, which has lower global warming potential than traditional refrigerants. Its refrigeration potential also provides higher energy efficiency while using lower refrigerant volumes.

Wi-Fi Control

Complete Control

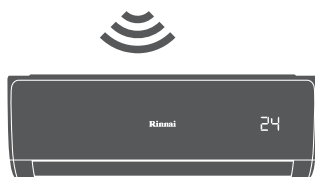
Take complete control of your Air Conditioner even when you are not at home. The intuitive Android or Apple App will act like a normal remote control allowing you to set the perfect condition. Great for setting a desired temperature to arrive home to or even ensuring your pet's are comfortable when you are away.



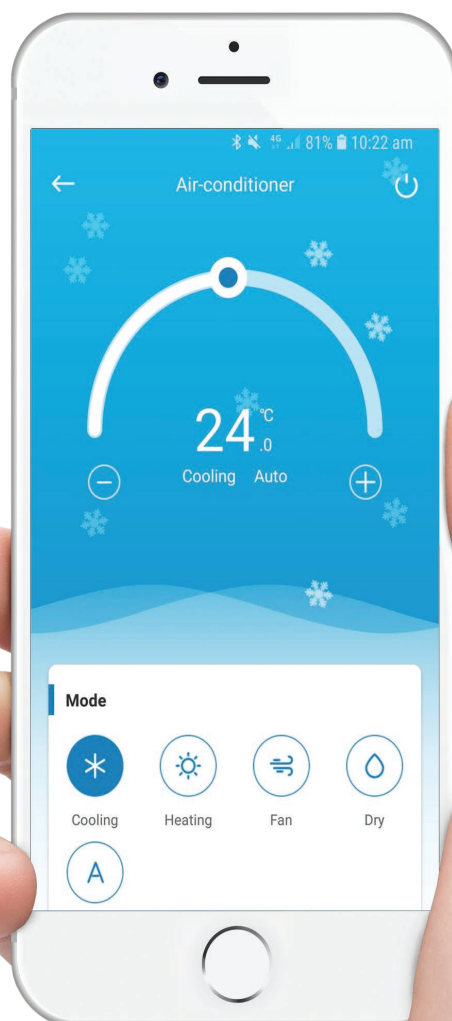
Turn your Air Conditioner on or off, set your temperature, fan speed and more remotely from anywhere in the world with an internet connection.



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.



Performance to keep you comfortable

5 Year Warranty

5 year parts and labour warranty for complete peace of mind.



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,
8:00am to 5:30pm EST,
Monday to Friday.
1stCare: 13 43 73



Inverter Technology

The Rinnai Q Series Split Systems have been developed with inverter technology. Traditional air conditioners or "fixed speed" Air Conditioners aim to maintain the temperature by cycling the unit off and on. This off/on cycling can create fluctuations in temperature and is not very energy efficient.

An inverter system will modulate the speed of the compressor up and down, helping maintain a more consistent temperature and keeping energy costs down.

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 -7°C and ambient summer temperatures as high as 52°C, an essential feature for the harsh climate conditions across Australia.

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.

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.

Specifications

RINNAI - System Model No.			HSNRQ25B	HSNRQ35B	HSNRQ50B	HSNRQ70B	HSNRQ80B
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	3.4	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
Indoor Unit Model No.			HINRQ25B	HINRQ35B	HINRQ50B	HINRQ70B	HINRQ80B
Air Flow (Turbo / Hi / Med / Lo / Min)		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 Level @ 1m (Turbo / Hi / Med / Lo / Min)		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				
Wireless Remote Controller			Yes				
Outdoor Unit Model No.			HONRQ25B	HONRQ35B	HONRQ50B	HONRQ70B	HONRQ80B
Sound Power Level		dB(A)	59	61	63	64	66
Sound Pressure Level @ 1m			50	53	54	55	59
Dimensions	Dimension (W x H x D)	mm	768 × 545 × 311	837 × 545 × 353	930 × 700 × 388	930 × 700 × 388	1010 × 803 × 430
	Packing (W x H x D)		850 × 605 × 365	920 × 605 × 395	1020 × 755 × 430	1020 × 755 × 430	1105 × 890 × 495
	Net / Gross Weight	kg	27 / 31	30 / 34	47 / 51	47 / 53	61 / 65
Refrigerant	Type		R32				
	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 / 15.88	Φ6.35 / 15.88	Φ6.35 / 15.88
	Maximum Pipe Length	m	20	20	30	30	30
	Chargeless Length		10	10	10	10	10
	Extra Charge for Lengths >10m	m	15	15	15	15	30
	Maximum Vertical Separation	m	12	12	20	20	20
Ambient Temperature Limits	Cooling	°C	-7 ~ 52°C				
	Heating		-7 ~ 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.

Rinnai Australia Pty Ltd

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Keysborough, Victoria 3173

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www.rinnai.com.au

or call 1300 555 545

Rinnai

TOTAL HOME COMFORT



HOT WATER



HEATING



COOLING