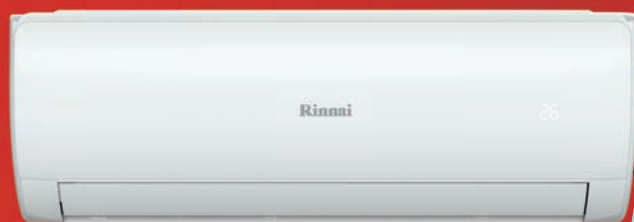


# Rinnai

## Q Series

High Wall Heat Pump Systems





# Q Series

The new Q Series range of Rinnai High Wall heat pumps 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 heat pump technology offers a level of in-home climate control that fits our increasingly wireless lifestyle. Sleek design and in-built Wi-Fi allow you to maintain a comfortable temperature in your home... from almost anywhere or before you even arrive home. Utilising the latest R32 refrigerant the Q Series achieves greater energy efficiency ratings, demonstrating our ongoing quest for sustainable solutions. The stylish range is available in five sizes to suit virtually any room or household.

# Features



## Design

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



## 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 the 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.



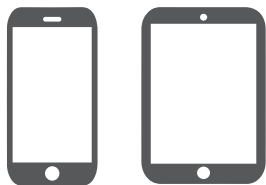
## R32 Refrigerant

The Q Series uses 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

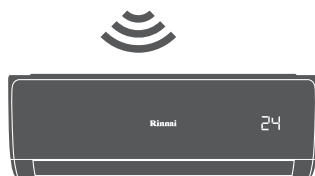
Take complete control of your Heat Pump from any location. Our intuitive Android or Apple App acts like a normal remote control allowing you to set the perfect temperature. Great for setting a desired temperature to arrive home to or even ensuring your pets are comfortable when you are away.



Turn your Heat Pump 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 Heat Pump just like the normal remote controller.



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



# Specifications

RINNAI - System Model No.			HSNRQ25B	HSNRQ35B	HSNRQ50B	HSNRQ70B	HSNRQ80B
Nominal Heating Capacity		kW	2.5	3.5	5.0	7.0	8.5
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				
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
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
Maximum Input Power (Heating / Cooling)		W	1340 / 1340	1460 / 1460	2000 / 2000	2500 / 2500	3000 / 3000
Maximum Input Current (Heating / Cooling)		A	6.0 / 6.0	6.5 / 6.5	9.0 / 9.0	11.5 / 11.5	18.0 / 18.0
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	Heating	°C	< 27°C				
	Cooling		> 17°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
	Maximum Vertical Separation	m	12	12	20	20	20
Ambient Temperature Limits	Heating	°C	-15 ~ 24°C				
	Cooling		0 ~ 52°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.							

ZFLYQSERB19

# Rinnai



6 year parts and labour warranty  
when installed by an authorised  
Rinnai Dealer.

\*Terms and Conditions apply.  
Refer to [www.rinnai.co.nz/warranty](http://www.rinnai.co.nz/warranty)

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105 Pavilion Drive  
Mangere, Auckland 2150  
For further information visit  
**[www.rinnai.co.nz](http://www.rinnai.co.nz)**  
or call 0800 746 624