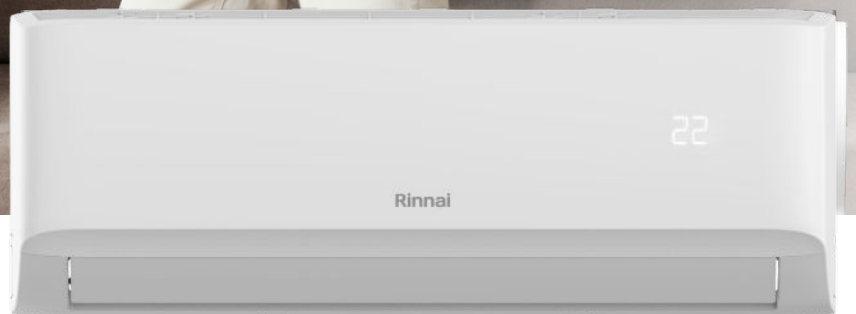




Pro Series

High Wall Heat Pump
Systems



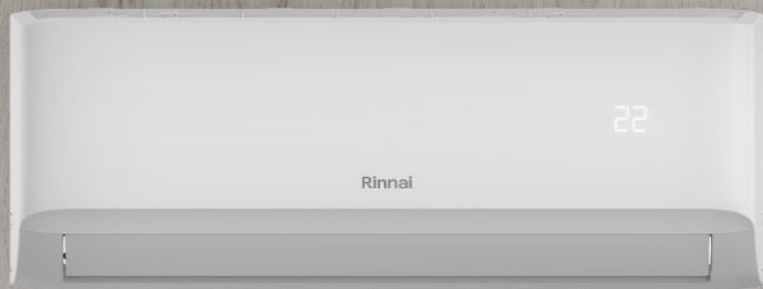
Rinnai Pro Series

Designed for New Zealand's ever-changing climate, the Rinnai Pro Series High Wall Heat Pump System provides both optimal heating and cooling all year round no matter where you live.

Packed with innovative features including Wi-Fi connectivity, self-cleaning function and sleep mode, the Pro Series is the ultimate in providing complete comfort. This smart system can also work around your unique lifestyle with an ultra-practical timer function, allowing you to set the unit's operation times to achieve the perfect room temperature.

Encased in a sleek contemporary design, the Rinnai Pro Series range is durable, convenient and easy to maintain.





At Rinnai, we're all about comfort

For over 40 years, Rinnai has supplied New Zealand homes with a range of appliances that help people lead comfortable, safe and efficient lifestyles.

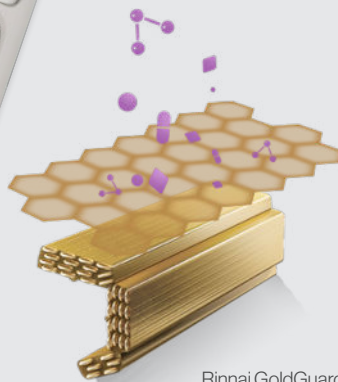
Being driven to create comfort means that we really care about our products and your experience from start to finish. We're focused on developing products with the latest technology and our level of quality is second-to-none, so you can rest assured knowing that Rinnai are your experts in total home living.

Innovation and Design

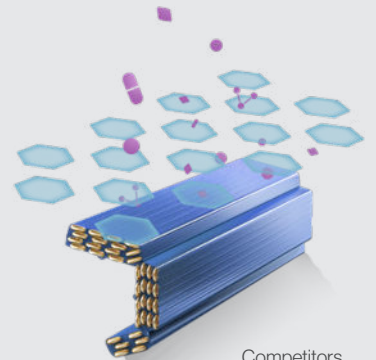
GoldGuard

The Rinnai Pro Series Condenser Coil is coated with our special GoldGuard coating making it more resistant to oxidation and corrosion than ordinary Condenser Coils. The GoldGuard condenser coil also improves the heating efficiency of the Pro Series in Reverse Cycle operation by accelerating the defrosting process.

Rinnai's unique GoldGuard coating uses nano technology to effectively prevent bacteria growth and deliver greater longevity and sustained performance of the outdoor unit in coastal areas and other harsh environments. Also, the coating is non-toxic and 100% environmentally friendly.



Rinnai GoldGuard



Competitors



Features and Benefits



Wi-Fi Control

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



Inverter Technology

Powerful to heat and cool fast, but also smart, seamless operation to maintain consistent temperature and reduce running costs.



Quiet Operation

Designed to keep noise levels to a minimum without affecting performance, thanks to its clever design 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.



Heating & Cooling

All year round comfort, with full temperature control suited to your needs.



Turbo Function

Quickly cool in summer or swiftly warm in winter.



Dehumidifying Mode

Efficiently manages room humidity levels to ensure optimum comfort levels during humid summer days.



Timer

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.



Sleep Mode

The Pro 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.



Demand Control

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



R32 Refrigerant

R32 refrigerant has lower global warming potential than traditional refrigerants. Also provides higher energy efficiency while using lower refrigerant volumes.

*For full terms & conditions visit www.rinnai.co.nz/warranty

**Where and when available from NZ energy providers.

Comfort at the touch of a button

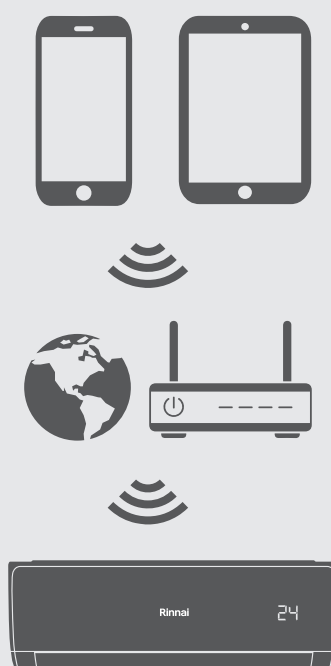
Wi-Fi Control

The Rinnai Pro Series features Wi-Fi control via an 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.

A host of 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 Heat Pump from outside the home – creating the ultimate in convenience and comfort.



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.



Available to download via:

- Google Play
- App Store

Technical Information

Nominal Capacity		kW	2.65	3.55	5.00	6.00	7.00	8.00
Power Supply to Outdoor Unit		V - Ph - Hz						
Recommended Circuit Breaker		A	16	16	20	20	25	25
Connectivity		Wi-Fi Enabled						
Demand Response Enabling Device		DRED Enabled						
Cooling	Rated Capacity	kW	2.65	3.55	5.00	6.00	7.00	8.00
	Capacity Range		1.00-3.50	1.50-4.90	2.10-7.20	2.10-7.20	2.95-9.00	2.95-9.00
	Rated Power Input	W	530	820	1300	1800	1950	2350
	Rated Current (Range)	A	2.50	3.80	5.80	8.00	8.70	10.20
	AEER	W/W	4.96	4.31	3.83	3.32	3.58	3.39
	Star Rating (Hot / Mixed / Cold)		6.0 / 5.5 / 6.0	5.0 / 4.0 / 5.0	4.5 / 4.0 / 4.5	4.0 / 3.5 / 4.0	3.5 / 3.5 / 4.0	3.5 / 3.5 / 3.5
Heating	Rated Capacity	kW	2.70	4.00	5.20	6.20	7.50	8.50
	Capacity Range		1.40-4.00	1.80-5.10	2.50-7.80	2.50-7.80	3.50-9.50	3.50-9.50
	Rated Power Input	W	510	920	1350	1700	1950	2250
	Rated Current (Range)	A	2.50	5.00	6.00	7.50	8.70	10.00
	ACOP	W/W	5.25	4.33	3.84	3.64	3.83	3.77
	Star Rating (Hot / Mixed / Cold)		4.0 / 3.5 / 3.0	4.0 / 3.0 / 2.0	3.0 / 2.5 / 2.0	3.0 / 2.0 / 1.5	3.5 / 2.5 / 1.5	3.0 / 2.0 / 1.5
Maximum Input Power (Cooling / Heating)		W	2300	2300	3600	3600	4050	4050
Maximum Input Current (Cooling / Heating)		A	10.50	10.50	15.50	15.50	17.50	17.50
Suitable Area Coverage (up to 2.6m insulated ceiling)		m²	11-17	16-23	23-33	27-40	32-47	36-53
Air Flow (Turbo / Hi / Med / Lo / Min)		L/s	175/139/100/83/56	183/147/106/86/58	264/222/167/139/89	264/222/167/139/89	382/303/250/229/147	382/303/250/229/147
Moisture Removal		L/h	1.00	1.20	1.80	2.10	2.40	3.00
Sound Power Level		dB(A)	55.0	56.0	57.0	59.0	63.0	64.0
Sound Pressure Level @ 1m (Turbo / Hi / Med / Lo / Min)		dB(A)	46.4/39.0/32.5/30.0/24.5	46.7/39.0/32.5/30.0/24.5	47.1/44.5/38.0/34.5/28.0	47.1/44.5/38.0/34.5/28.0	57.6/39.0/33.5/29.5	57.6/39.0/33.5/29.5
Dimensions	Dimension (W x H x D)	mm	802 × 295 × 200	802 × 295 × 200	991 × 321 × 228	991 × 321 × 228	1082 × 337 × 234	1082 × 337 × 234
	Packing (W x H x D)	mm	965×370×282	1010×385×307	1067×385×312	1205×400×317	1205×400×317	1205×400×317
	Net / Gross Weight	kg	8.5/11.1	8.5/11.1	11.1/14.4	11.1/14.4	13.3/17.0	13.3/17.0
Operating Range	Cooling	°C	16-32					
	Heating	°C	0-30					
Sound Power Level		dB(A)	57.0	57.0	65.0	66.0	65.0	67.0
Sound Pressure Level @ 1m		dB(A)	55.5	55.5	59.5	59.5	61.0	61.0
Dimensions	Dimension (W x H x D)	mm	805 × 554 × 330	805 × 554 × 330	890 × 673 × 342	890 × 673 × 342	890 × 673 × 342	890 × 673 × 342
	Packing (W x H x D)	mm	915x370x615	915x370x615	995x398x740	995x398x740	995x398x740	995x398x740
	Net / Gross Weight	kg	32.20/34.90	32.20/34.90	38.30/41.40	38.30/41.40	43.30/46.40	43.30/46.40
Refrigerant	Type		R32					
	Charged Volume	kg	0.90	0.90	1.26	1.26	1.40	1.40
	Pipe Size: Liquid / Gas	mm	6.35 (1/4in)/ 9.52 (3/8in)	6.35 (1/4in)/ 9.52 (3/8in)	6.35 (1/4in)/ 12.7 (1/2in)	6.35 (1/4in)/ 12.7 (1/2in)	9.52 (3/8in)/ 15.9 (5/8in)	9.52 (3/8in)/ 15.9 (5/8in)
	Maximum Pipe Length	m	25	25	30	30	50	50
	Chargeless Length	m	10	10	10	10	10	10
	Extra Charge for Lengths >10m	g/m	12	12	12	12	24	24
	Maximum Vertical Separation	m	10	10	20	20	25	25
Ambient Temperature Limits	Cooling	°C	0-52	0-52	0-50	0-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24

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.

Note: All images contained within this brochure are for illustrative purposes only, the colours and finishes of the products featured are as close to the respective product range as photographic lighting and printing processes allow.

Rinnai New Zealand

105 Pavilion Drive
Māngere, Auckland 2150

For further information, visit

www.rinnai.co.nz

or call 0800 746 624