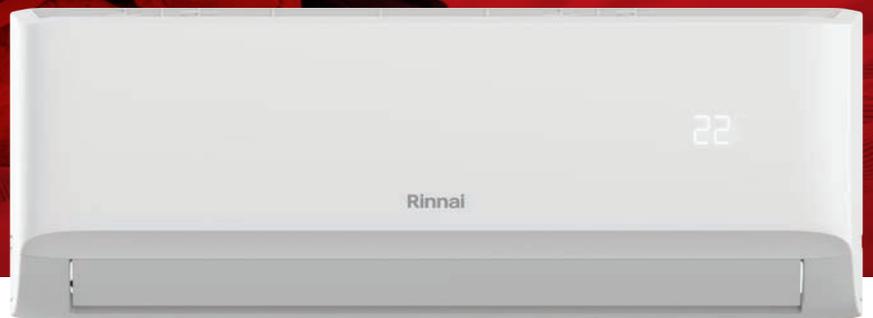


Rinnai



Pro Series

High Wall Heat Pump
Systems



At Rinnai, we're all about comfort

For over 45 years, Rinnai has supplied New Zealand homes with a range of appliances that help Kiwis to enjoy comfortable, safe and efficient lives. We've designed and manufactured products especially for New Zealand homes and New Zealand conditions – from heating your water, to heating and cooling your living areas. With over a million appliances sold over this time, Rinnai has established a proud reputation for quality and reliability, and become known as your total home living experts.





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 in the country.

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.

With its sleek, contemporary design the Rinnai Pro Series range is durable, convenient and easy to maintain. The perfect way to heat or cool your home.

Designed and built for New Zealand conditions.

There's no weather in the world quite like what we experience in New Zealand. This means when you design a Heat Pump System, you need one that can stand up to whatever Mother Nature throws at it.

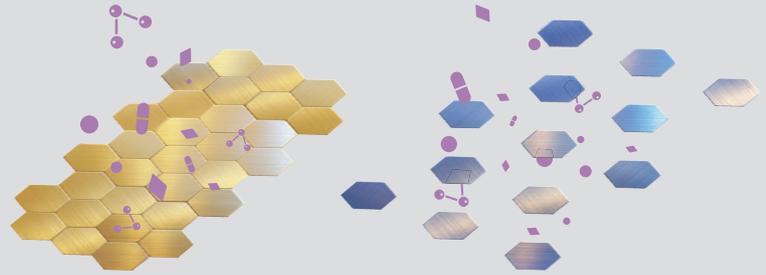
With that in mind, the Rinnai Pro Series is designed especially for New Zealand. Through product design, durable build materials, and organic coatings, we have developed the

Pro Series to better resist our harsh coastal environments where salt can have a devastating effect on lesser-designed products.

Particular thought has gone into our outdoor unit which includes stainless steel bolts, a clever case design to maximise water runoff, and a hermetically sealed electrical box, which all contribute to the increased overall durability of the series.

Pro-Pel Coil Protection

The Rinnai Pro Series indoor and outdoor coils are coated with our special Pro-Pel Coil Protection making them more resistant to oxidation and corrosion than ordinary Condenser Coils. The Pro-Pel Coil Protection also improves the heating efficiency of the Pro Series in Reverse Cycle operation by accelerating the defrosting process. Rinnai's unique Pro-Pel Coil Protection coating uses nanotechnology to effectively prevent bacteria growth and deliver greater longevity while maintaining sustained performance of the Pro Series in coastal areas and other harsh environments. Also, the coating is non-toxic and 100% environmentally friendly.



Rinnai Pro-Pel

Standard

Wi-Fi Control

The Rinnai Pro Series features Wi-Fi control via an easy-to-use App. Simple to setup via Bluetooth, it's never been easier to control your Heat Pump from anywhere in the world. It allows full control with Alexa and Google Home including voice commands and a clever geolocation function with an auto on/off when you arrive or leave home. There's even a weekly scheduling function on top of all the usual functions like on/off, temperature control and fan speed – 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:



Features and Benefits

We've also built a product that operates just as well in our Southern winters as in our Northland summers, thanks to improved operating efficiencies at lower temperatures.

These are just some examples of the smart thinking that has gone into making the Rinnai Pro Series High Wall Heat Pump System perfectly suited to where you live – New Zealand.



-  **Wi-Fi Connectivity Built-in**
Every model has integrated Wi-Fi built-in, with easy Bluetooth setup via the NetHome Plus App (Android and Apple).
-  **3D Airflow**
Both horizontal and vertical louvre movement settings provide temperature control balanced across the whole room – or to targeted areas. It's ideal for highly efficient cooling in summer and heating in winter.
-  **Turbo Function**
Get up to 50% increased capacity when you start up the Heat Pump, resulting in faster warm-up or cool-down of your space.
-  **Quiet Mode**
In this mode, both airspeed and compressor frequency are controlled precisely to ensure noise comfort for both you and your surrounding neighbours.
-  **Daily and Weekly Timer**
A convenient on and off timer for the next 24 hour period – programmable from your remote. Plus you get comprehensive, programmable weekly scheduling via the NetHome Plus App.
-  **Sleep Mode:**
An intelligent sleep curve is designed in accordance with the perfect night's sleep. The curve can also be adjusted manually for your body's unique sleeping temperature.
-  **Follow Me**
This clever function allows the measurement of ambient temperature via the remote control (instead of the unit itself) to optimise the temperature around different parts of your room.
-  **Dehumidify Mode**
Take moisture out of the air when humidity gets high with this helpful feature.
-  **Breeze Away**
This mode instinctively reduces the fan speed and directs airflow to a higher angle to improve the comfort of anyone sitting directly below the unit.
-  **Frost Protection**
Designed for holiday homes unoccupied in winter and susceptible to frosts, this function is activated when temperatures fall below 8°C. The unit will operate at a low temperature with high fan speed to protect the water pipes from freezing.
-  **Triple-Health Filter**
This 3-in-1 filter includes Cold Catalyst + Activated Carbon + Silver Ion.
-  **Cold Catalyst**
Transforms VOCs, formaldehyde, benzene, and other harmful gases into less-toxic pollutants.
-  **Activated Carbon**
Reduces VOCs, general pollution, and odours (new paint or furnishings, smoking and other smells).
-  **Silver Ion**
Silver ions are released which sterilise bacteria. Anti-microbial properties assist in creating an allergy and asthma-free environment, by impeding the growth of microbes such as spores, viruses and fungi.



Technical Information

RINNAI Pro Series Hi-Wall Split System			HSNRP26	HSNRP35	HSNRP50	HSNRP60	HSNRP70	HSNRP80	
Heating	Rated Capacity @ Outdoor 7°C	kW	2.70	4.00	5.20	6.20	7.50	8.50	
	Capacity Range	kW	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	kW	0.51	0.92	1.35	1.70	1.95	2.25	
	Rated Current	A	2.5	5.0	6.0	7.5	8.7	10.0	
	ACOP	W/W	5.26	4.33	3.84	3.64	3.84	3.77	
Cooling	Rated Capacity @ Outdoor 35°C	kW	2.65	3.55	5.00	6.00	7.00	8.00	
	Capacity Range	kW	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	kW	0.53	0.82	1.30	1.80	1.95	2.35	
	Rated Current	A	2.5	3.8	5.8	8.0	8.7	10.2	
	AEER	W/W	4.97	4.31	3.84	3.33	3.58	3.40	
Room Size Coverage	Up to 2.6m insulated ceiling	m ²	11–17	16–23	23–33	27–40	32–47	36–53	
Energy Performance Information			HSNRP26	HSNRP35	HSNRP50	HSNRP60	HSNRP70	HSNRP80	
ZERL Heating Capacity @ Outdoor 2°C		kW	3.47	3.19	4.70	4.70	6.32	6.32	
ZERL Energy Consumption	Heating (Cold Zone)	kWh / year	712	1,308	1,877	2,441	2,849	3,495	
	Cooling (Cold Zone)	kWh / year	93	148	226	291	352	409	
ZERL Star Rating	Heating (Hot / Average / Cold)	–	4.0 / 3.5 / 3.0	4.0 / 3.0 / 2.5	3.0 / 2.5 / 2.0	3.0 / 2.0 / 1.5	3.0 / 2.5 / 1.5	3.5 / 2.0 / 1.5	
	Cooling (Hot / Average / Cold)	–	6.5 / 5.5 / 6.0	5.0 / 4.5 / 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	
Power and Connectivity			HSNRP26	HSNRP35	HSNRP50	HSNRP60	HSNRP70	HSNRP80	
Power Supply to Outdoor Unit			220–240V – 1 phase – 50Hz						
Maximum Input Power (Cooling / Heating)		kW	2.30		3.60		4.05		
Maximum Input Current (Cooling / Heating)		A	10.50		15.50		17.50		
Connectivity		–	Wi-Fi + Bluetooth Setup						
Indoor Unit Model No.			HINRP26M	HINRP35M	HINRP50M	HINRP60M	HINRP70M	HINRP80	
Dimensions	Dimension (W x D x H)	mm	802 x 200 x 295			971 x 228 x 321		1082 x 234 x 337	
	Packing (W x D x H)	mm	875 x 285 x 380			1045 x 305 x 405		1155 x 315 x 415	
Weight – Net / Gross		kg	8.5 / 11.1		11.1 / 14.4		13.3 / 17.0		
Sound Pressure Level @ 1m (High / Min)		dB(A)	39 / 24.5	39 / 24.5	44.5 / 28	44.5 / 28	45 / 29.5	45 / 29.5	
Sound Power Level		dB(A)	55	56	57	59	63	64	
Air Flow (Turbo / Low)		L/s	183 / 86	183 / 86	264 / 139	264 / 139	382 / 229	382 / 229	
Operation	Modes		Heat / Cool / Dry / Fan / Auto						
	Indoor Temp. – Cooling	°C	16 to 32		17 to 32		16 to 32		
	Indoor Temp. – Heating	°C	0 to 30						
Wired Controller (Optional)	Model Number		CNTRLDRGINW (requires MFBOX adaptor)						
	Connectivity		One to One / One Controller to Many Units / Two Controllers to One Unit						
Health Filters	Tri-Health + Activated Carbon		Cold Catalyst + Silver Ion + Activated Carbon						
Outdoor Unit Model No.			HONRP26	HONRP35	HONRP50	HONRP60	HONRP70	HONRP80	
Dimensions	Dimension (W x D x H)	mm	805 x 330 x 554			890 x 342 x 673			
	Packing (W x D x H)	mm	915 x 370 x 615			995 x 398 x 740			
Net / Gross Weight		kg	32.2 / 34.9			38.3 / 41.4		43.3 / 46.4	
Sound Pressure Level @ 1m		dB(A)	55.5		59.5		61		
Sound Power Level		dB(A)	57	58	65	66	65	67	
Refrigerant	Type		R32						
	Charged Volume	kg	0.9		1.26		1.4		
	Pipe Size: Liquid / Gas	mm	6.4mm / 9.5mm		6.4mm / 12.7mm		9.5mm / 15.9mm		
		in	¼in / ¾in		¼in / ½in		¾in / ¾in		
	Maximum Pipe Length	m	25		30		50		
	Chargeless Length	m	15						
	Extra Charge for Lengths >15m	g/m	12				24		
Maximum Vertical Separation	m	10		20		25			
Operation Range Outdoor	Heating	°C				-15 to 24			
	Cooling	°C	0 to 52			0 to 50		-15 to 50	
Demand Response		–	DRED Enabled (Requires Demand Control Signal Receiver)						

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.



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

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