



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.

Technical Information

RINNAI – PB Series Hi-Wall Split System			HSNRP26B	HSNRP35B	HSNRP50B	HSNRP60B	HSNRP70B	HSNRP80B		
Heating	Rated Capacity @ Outdoor 7°C	kW	2.70	3.80	5.40	6.50	7.80	8.30		
	Capacity Range	kW	140–400	180–500	250–780	250–780	220–880	220–880		
	Rated Power Input	kW	0.51	0.83	1.34	1.68	1.99	2.28		
	Rated Current (Range)	A	2.5	5.0	6.0	8.2	10.8	10.8		
	ACOP	W/W	5.27	4.56	4.02	3.85	3.73	3.61		
Cooling	Rated Capacity @ Outdoor 35°C	kW	2.65	3.50	5.00	6.00	7.15	7.80		
	Capacity Range	kW	100–350	150–490	210–720	210–720	320–800	320–800		
	Rated Power Input	kW	0.53	0.79	1.28	1.75	1.92	2.20		
	Rated Current (Range)	A	2.5	3.8	5.8	8.0	10.5	10.5		
	AEER	W/W	4.98	4.42	3.90	3.42	3.53	3.39		
Suitable Area Coverage	Up to 2.6m insulated ceiling	m ²	11–17	16–23	23–33	27–40	32–47	32–47		
Energy Performance Information			HSNRP26B	HSNRP35B	HSNRP50B	HSNRP60B	HSNRP70B	HSNRP80B		
ZERL Heating Capacity @ Outdoor 2°C			kW	3.47	3.57	4.83	4.89	7.78	7.78	
ZERL Energy Consumption	Heating (Cold Zone)	kWh/year	712	1104	1904	2442	2671	2964		
	Cooling (Cold Zone)	kWh/year	93	137	225	279	371	398		
ZERL Star Rating	Heating (Hot / Average / Cold)	–	4.0 / 3.5 / 3.0	4.5 / 3.5 / 3.0	3.0 / 2.5 / 2.0	3.5 / 2.5 / 2.0	3.0 / 2.5 / 2.0	3.0 / 2.5 / 2.0		
	Cooling (Hot / Average / Cold)	–	6.5 / 5.5 / 6.0	5.0 / 5.0 / 5.5	4.5 / 4.0 / 4.5	4.0 / 4.0 / 4.0	3.5 / 3.5 / 3.5	3.5 / 3.5 / 3.5		
Power and Connectivity			HSNRP26B	HSNRP35B	HSNRP50B	HSNRP60B	HSNRP70B	HSNRP80B		
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		10.5		15.5		17.5	
Connectivity			–							
			Wi-Fi + Bluetooth Setup							
Indoor Unit Model No.			HINRP26MB	HINRP35MB	HINRP50MB	HINRP60MB	HINRP70MB	HINRP80MB		
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		13.5 / 17.1	
Sound Pressure Level @ 1m (Hi / Min)			dB(A)		39 / 24.5		44.5 / 28		45 / 29.5	
Sound Power Level			dB(A)		55.3		56.4		59.8	
Air Flow (Turbo / Lo)			L / s		175 / 83		183 / 86		264 / 139	
Operation			Modes		Heat / Cool / Dry / Fan / Auto					
			Indoor Temp. – Cooling		°C					
			Indoor Temp. – Heating		°C					
Wired Controller (Optional)			Model Number		CNTRLDRCLNW (requires MFBOX adaptor)					
Connectivity			One to One / One Controller to Many Units / Two Controllers to One Unit							
Health Filters			Tri-Health + Activated Carbon							
Outdoor Unit Model No.			HONRP26B	HONRP35B	HONRP50B	HONRP60B	HONRP70B	HONRP80B		
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		42.4 / 46.7	
Sound Pressure Level @ 1m			dB(A)		55.5		59.5		61.0	
Sound Power Level			dB(A)		57.8		58.5		65.2	
Refrigerant			Type		R32					
			Charged Volume		kg		0.9		1.26	
			Pipe Size: Liquid / Gas		mm		6.35mm / 9.5mm		6.35mm / 12.7mm	
					in		¼in / ¾in		¼in / ½in	
			Maximum Pipe Length		m		25		30	
			Chargeless Length		m		10		10	
			Extra Charge for Lengths > 10m		g/m		12		12	
			Maximum Vertical Separation		m		10		20	
Operation Range Outdoor			Heating		°C		0–52		-15–24	
			Cooling		°C		0–50		-15–50	
Demand Response Enabling Device			–							
			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.

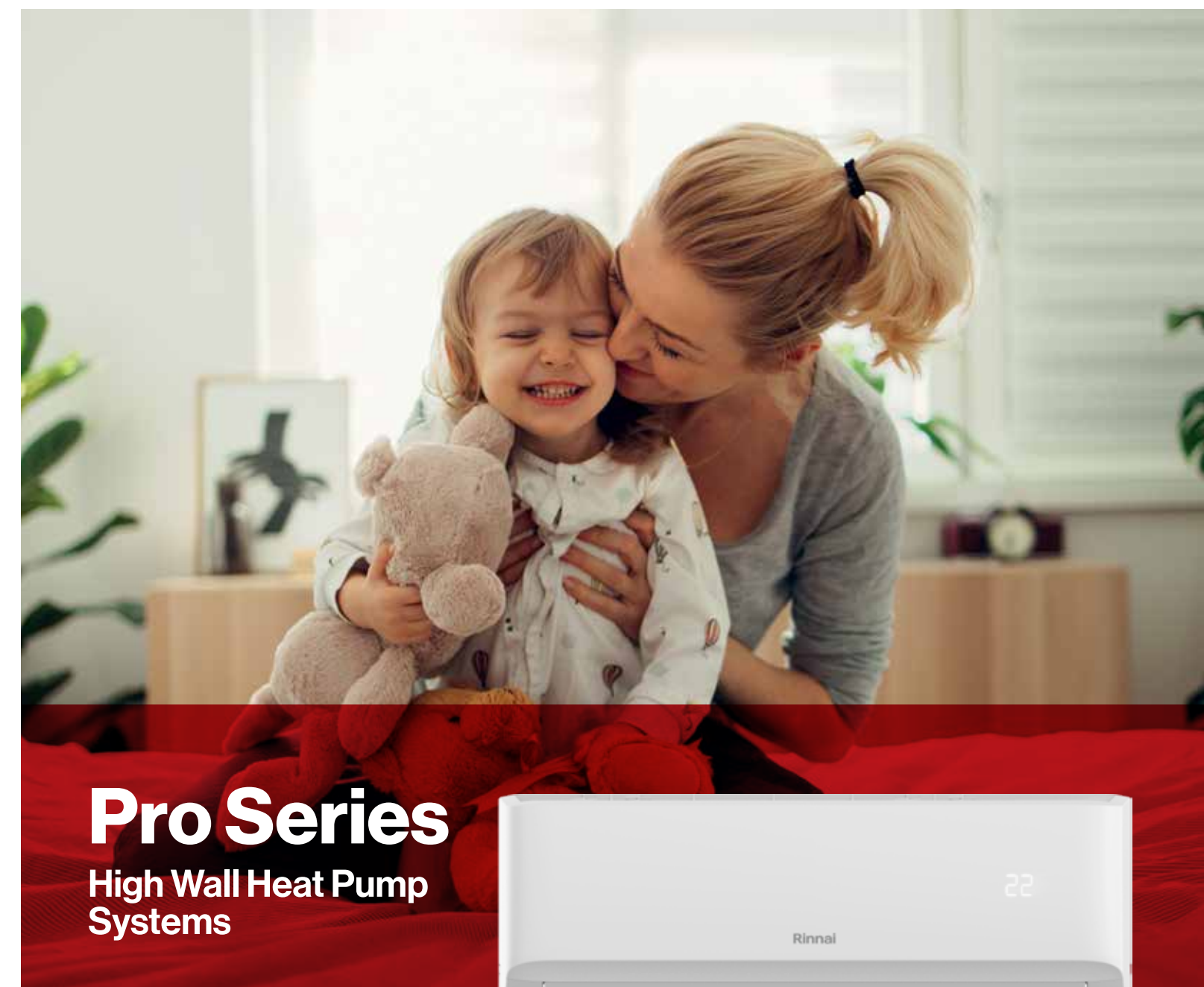


*For full terms & conditions visit www.rinnai.co.nz/warranty

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Pro Series™



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.

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.

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.

Features and Benefits



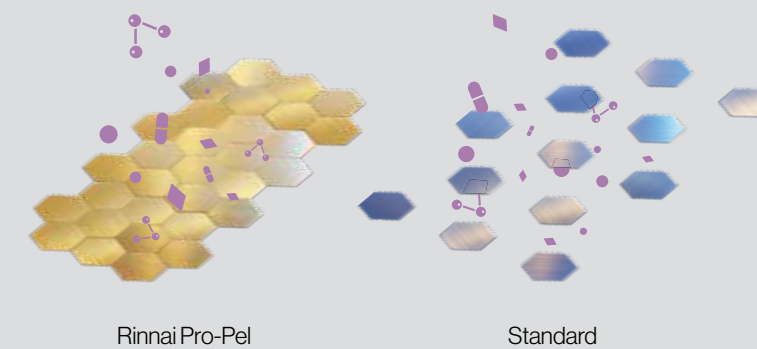
Pro-Pel Coil Protection

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.

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.

*NetHome Plus is a third party application independent of Rinnai.



Rinnai Pro-Pel

Standard



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: [GET IT ON Google Play](#) [Download on the App Store](#)



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.