



Rinnai Pro Series 2

Built for New Zealand's unique climate, the Rinnai Pro Series 2 High Wall Heat Pump System delivers exceptional heating and cooling year-round – wherever you call home. Featuring advanced technology including Wi-Fi and voice control, a self-cleaning function, and a quiet sleep mode, the Pro Series 2 is designed to provide effortless comfort every day. The intuitive timer function makes it easy to customise operation times, ensuring your home is always at the ideal temperature when you need it. With its modern, streamlined design, the Rinnai Pro Series 2 is as durable as it is stylish, while remaining simple to use and maintain. The ultimate solution for creating a beautifully comfortable home.

Technical Information

RINNAI – Pro Series 2 Hi-Wall Split System			HSNRTX25	HSNRTX35	HSNRTX50	HSNRTX60	HSNRTX70	HSNRTX80	HSNRTX90
Heating	Rated Capacity @ Outdoor 7°C	kW	2.8	4.0	5.54	6.5	7.5	8.2	9.5
	Capacity Range	kW	110 – 375	120 – 410	240 – 640	240 – 640	238 – 886	240 – 886	278 – 996
	Rated Power Input	kW	0.57	0.93	1.31	1.70	1.95	2.29	2.47
	Rated Current	A	2.56	4.10	5.79	7.43	8.70	10.20	11.20
	ACOP	W/W	4.87	4.29	4.21	3.81	3.85	3.58	3.84
Cooling	Rated Capacity @ Outdoor 35°C	kW	2.5	3.5	5.0	6.0	7.0	7.65	9.0
	Capacity Range	kW	0.90 – 3.45	1.05 – 3.90	2.30 – 6.20	2.30 – 6.20	2.91 – 8.23	3.03 – 8.23	3.22 – 9.38
	Rated Power Input	kW	0.54	0.85	1.34	1.74	2.01	2.27	2.59
	Rated Current	A	2.42	3.8	5.92	7.73	9.10	10.3	11.6
	AEER	W/W	4.61	4.10	3.73	3.45	3.48	3.36	3.48
Suitable Area	Up to 2.6m insulated ceiling	m²	11 – 17	16 – 23	23 – 33	27 – 40	32 – 47	35 – 51	41 – 60
Energy Performance Information			HSNRTX25	HSNRTX35	HSNRTX50	HSNRTX60	HSNRTX70	HSNRTX80	HSNRTX90
ZERL Heating Capacity @ Outdoor 2°C		kW	3.01	3.9	4.96	4.96	7.6	7.66	7.48
	Heating (Cold Zone)	kWh / year	797	1245	1898	2465	2603	2974	3448
	Cooling (Cold Zone)	kWh / year	100	150	232	298	346	402	426
	ZERL Star Rating	Heating (Hot / Average / Cold)	–	3.5 / 3.5 / 3	3.5 / 3 / 2.5	3 / 2.5 / 2	3 / 2.5 / 1.5	3 / 2.5 / 2	3 / 2.5 / 2
	Cooling (Hot / Average / Cold)	–	5.5 / 5 / 5	5 / 4.5 / 5	4.5 / 4 / 4.5	4 / 3.5 / 4	4 / 3.5 / 4	3.5 / 3.5 / 3.5	4.0 / 4.0 / 4.0
Power and Connectivity			HSNRTX25	HSNRTX35	HSNRTX50	HSNRTX60	HSNRTX70	HSNRTX80	HSNRTX90
Power Supply to Outdoor Unit			220 – 240V – 1-phase – 50Hz						
Maximum Input Power		kW	2.30		3.4		4.05		4.1
Maximum Input Current		A	10.5		15.5		17.5		18.0
Connectivity		–	Wi-Fi + Bluetooth Setup						
Indoor Unit Model No.			HINRTX25	HINRTX35	HINRTX50	HINRTX60	HINRTX70	HINRTX80	HINRTX90
Dimensions	Dimension (W x D x H)	mm	802 x 200 x 295		971 x 228 x 321		1082 x 234 x 337		1259 x 283 x 362
	Packing (W x D x H)	mm	875 x 285 x 380		1045 x 305 x 405		1155 x 415 x 315		1340 x 450 x 385
Weight – Net / Gross		kg	8.6 / 11.1		11.0 / 14.6		13.2 / 17.1		19.0 / 24.7
Sound Pressure Level @ 1m (Hi / Silent)		dB(A)	45.5 / 20		48.5 / 20		52 / 21		54.5 / 22.5
Sound Power Level		dB(A)	57		60.5		65.1		64.8
Air Flow (Turbo / Lo)		L / s	175 / 83		264 / 139		337 / 140		375 / 156
Operation	Modes		Heat / Cool / Dry / Fan / Auto						
	Indoor Temp. – Cooling	°C	16 - 32						
Health Filters	Indoor Temp. – Heating	°C	0 - 30						
	Tri-Health + Activated Carbon		Cold Catalyst + Silver Ion + Activated Carbon						
Outdoor Unit Model No.			HONRTX25	HONRTX35	HONRTX50	HONRTX60	HONRTX70	HONRTX80	HONRTX90
Dimensions	Dimension (W x D x H)	mm	765 x 303 x 555		890 x 342 x 673				946 x 410 x 810
	Packing (W x D x H)	mm	887 x 337 x 610		995 x 398 x 740		1030 x 438 x 750		1090 x 500 x 885
Net / Gross Weight		kg	24.7 / 27.0		38.6 / 42.1		43.8 / 47.2		60.3 / 64.6
Sound Pressure Level @ 1m		dB(A)	54		58		61		59.5
Sound Power Level		dB(A)	59		67.4		69.6		68.3
Refrigerant	Type		0.62		1.26		1.4		2.2
	Charged Volume	kg	0.85		1.26		1.4		2.2
Pipe Size: Liquid / Gas		mm	6.35 / 9.5		6.35 / 12.7		6.35 / 15.9		9.52 / 15.9
		in	¼ / ¾		¼ / ½		¼ / ¾		¾ / ¾
Maximum Pipe Length		m	25		30		50		
Pre-Charge Length		m			15				
Extra Charge for Lengths > 15m		g/m			12				24
Maximum Vertical Separation		m	10		20		25		
Operation Range	Heating	°C	-15 – 24						
	Cooling	°C	-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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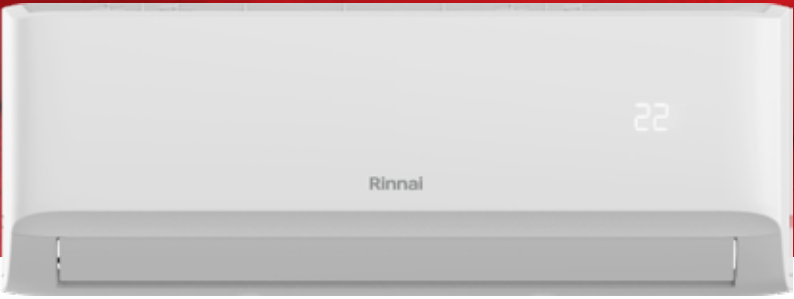
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Rinnai

Pro Series 2™



Pro Series 2
High Wall Heat Pump
Systems



Rinnai

At Rinnai, we're all about comfort

For over 50 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.

Our climate in New Zealand is unlike any other – dramatic coastal conditions, frosty winters, and humid summers, all in one country.

The Rinnai Pro Series 2 has been designed for New Zealand's temperamental weather. With high-grade materials and protective coatings, it's built to withstand the challenges of

our unique landscape – especially in coastal areas where salt exposure can damage lesser systems.

The outdoor unit features stainless steel fixings, a refined case design that streamlines water runoff, and a fully sealed electrical box, which all contribute to the system's durability. Improved operating efficiencies at low temperatures ensure

consistent comfort, whether you're facing a deep Southern freeze or summer heat up North.

Every element of the Rinnai Pro Series 2 High Wall Heat Pump has been thoughtfully designed to meet the demands of life in New Zealand.

Features and Benefits



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:



Wi-Fi Control & Multi-Use App

Control your unit from your phone with an easy-to-use App.* Simple to set up via Bluetooth, it's never been easier to control your Heat Pump from anywhere, anytime.



Geolocation

The App can automatically turn your Heat Pump on and off when it detects you've arrived or left home.



Energy Monitoring

With the App, you can check your heat pump's real-time, daily and monthly energy usage.



Voice Control

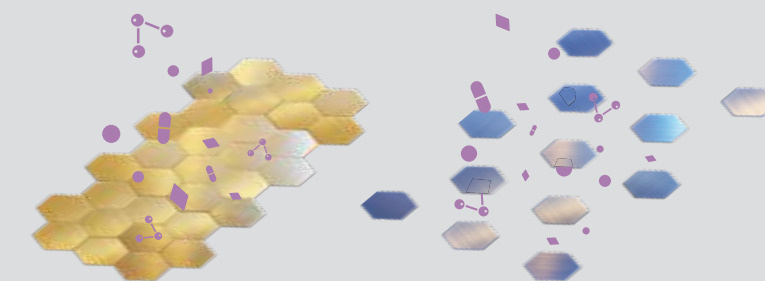
The App allows for full voice control with Siri, Alexa and Google Home, enabling you to adjust your heat pump without even needing to reach for your phone or remote.

There's even a weekly scheduling function on top of all the usual functions like temperature control and fan speed – creating the ultimate in convenience and comfort.

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

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



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.



Refrigerant Leak Detection

Automatically stops the system if a leak is detected, protecting the unit from further potential damage.



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. Antimicrobial properties assist in creating an allergy and asthma-free environment, by impeding the growth of microbes such as spores, viruses and fungi.



Self-Cleaning

Actively eliminates any odour-causing dust, mould and grease on the heat exchanger through a self cleaning and drying cycle.