



Rinnai Pro Series 2

Designed for New Zealand's ever-changing climate, the Rinnai Pro Series 2 Ducted 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, fast cool/heat function and sleep mode, the Pro Series 2 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 stylish controller design the Rinnai Pro Series 2 range is discreet, quiet and simple to use. The perfect way to heat or cool your home.

Technical Information

MODEL TYPE		MID STATIC			HIGH STATIC				
RINNAI Pro Series 2 Ducted System		DSNSR07B1LA	DSNSR09B1LA	DSNSR11B1LA	DSNSR13B1LA	DSNSR15B1LA	DSNSR15B1TA	DSNSR18B1TA	
Heating	Rated Capacity @ Outdoor 7°C	kW	7.50	10.50	12.50	14.50	16.00	17.00	18.00
	Capacity Range	kW	2.33-10.26	2.70-12.90	2.61-12.90	3.22-18.70	3.22-18.70	3.60-19.64	3.90-19.64
	Rated Power Input	kW	1.84	2.40	2.98	3.55	4.10	4.18	4.56
	Rated Current	A	8.2	10.6	13.5	15.4	18.1	18.5	20
	ACOP	W/W	4.04	4.3	4.14	4.05	3.87	4.04	3.92
Cooling	Rated Capacity @ Outdoor 35°C	kW	7.30	9.00	10.50	12.60	14.00	14.00	17.00
	Capacity Range	kW	0.85-9.09	2.3-11.61	2.61-11.99	3.15-15.80	3.22-16.10	4.19-18.17	3.60-19.34
	Rated Power Input	kW	2.14	2.61	3.15	3.77	4.25	3.90	5.10
	Rated Current	A	9.3	11.9	14.1	16.6	18.8	17	22
	AEER	W/W	3.39	3.4	3.3	3.32	3.27	3.56	3.31
Energy Performance Information									
ZERL Heating Capacity @ Outdoor 2°C		kW	7.85	9.80	10.15	14.58	14.58	15.30	15.00
ZERL Energy Heating (Cold Zone)	kWh / year		2,430	3,382	4,273	4,727	5,479	5,683	6,339
ZERL Energy Cooling (Cold Zone)	kWh / year		341	452	512	623	707	672	873
ZERL Star Rating Heating (Hot / Average / Cold)	Stars		3.5/3.0/2.5	3.5/3.0/2.5	3.5/3.0/2.0	3.5/3.0/2.5	3.5/2.5/2.0	3.5/3.0/2.0	3.5/2.5/2.0
ZERL Star Rating Cooling (Hot / Average / Cold)	Stars		4.5/4.0/4.0	4.0/3.5/3.5	4.0/3.5/4.0	4.0/3.5/4.0	4.0/3.5/3.5	4.5/3.5/4.0	4.0/3.5/3.5
Power and Connectivity									
Power Supply to Outdoor Unit					220-240V - 1-phase - 50Hz				
Maximum Input Power	kW	3.40	4.60	4.60	7.00	7.00	7.00	7.00	7.00
Maximum Input Current	A	16.00	21.00	21.00	31.00	31.00	31.00	31.00	31.00
Connectivity					Wi-Fi + Bluetooth Setup				
Indoor Unit Model No.									
Maximum Static Pressure (ESP) – Adjustable		Pa	160	160	200	200	200	200	200
Air Flow (Turbo Speed)		L/s	488 (100Pa)	638 (100Pa)	727 (100Pa)	920 (150Pa)	922 (150Pa)	922 (150Pa)	925 (150Pa)
Dimensions	Dimension (W x D x H)	mm	1000x750x245	1200x750x245	1200x750x300	1200x750x300	1200x750x300	1400x870x380	1400x870x380
	Weight – Net / Gross	kg	31.5/36.9	40.5/47.3	42.9/49.8	45/51.9	45/51.9	65/80.9	67/81.9
Sound Pressure Level (High / Low)	dB(A)	38/32	45/39	39/34	46/40	46/40	62/22	62/22	61/9
Sound Power Level	dB(A)	59.9	58.3	57.7	62	64.6	62.2	61.9	
Air Openings	Supply Air (W x H)	mm	827x178	1027x178	1027x233	1027x233	1027x233	1152x295	1152x295
	Return Air (W x H)	mm	892x212	1092x212	1092x267	1092x267	1092x267	2x400 (Oval)	2x400 (Oval)
Wired Controller	Model Numbers				Standard				
	Connectivity				One to One / One to Many Units / Two to One Unit				
Split Design	Separate Coil and Fan for Install		No	No	No	No	No	Yes	Yes
Flexible Return Air	Rear or Bottom Return Air		Yes	No	Yes	No	No	No	No
Outdoor Unit Model No.									
Dimensions	Dimension (W x D x H)	mm	890x342x673	946x410x810	946x410x810	980x415x975	980x415x975	952x415x1333	952x415x1333
	Net / Gross Weight	kg	44/57.5	75.2/91.4	75.2/91.4	89/103.2	89/103.2	93/109.6	94/110.1
Sound Pressure Level @ 1m (Silent/Standard)	dB(A)	50/61	50/62	50/62	55/64	55/64	55/65	55/63	
Sound Power Level	dB(A)	66.3	68.1	68.1	70.7	70.8	70.8	71.6	
Refrigerant	Type				R32				
	Pre-Charged Length	m			20				
	Charge Adjustment	g/m	24	24	24	24	24	24	24
	Max/Min Pipe Length	m	50/3	75/3	75/3	75/3	75/3	75/3	75/3
	Pipe Size: Liquid / Gas	mm	9.5 / 15.9	9.5 / 15.9	9.5 / 15.9	9.5 / 15.9	9.5 / 15.9	9.5 / 15.9	9.5 / 19.1
Operation Range Outdoor	Heating	°C	25	30	30	-20 to 24	30	30	30
	Cooling	°C				-15 to 50			
Demand Response Enabled 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.



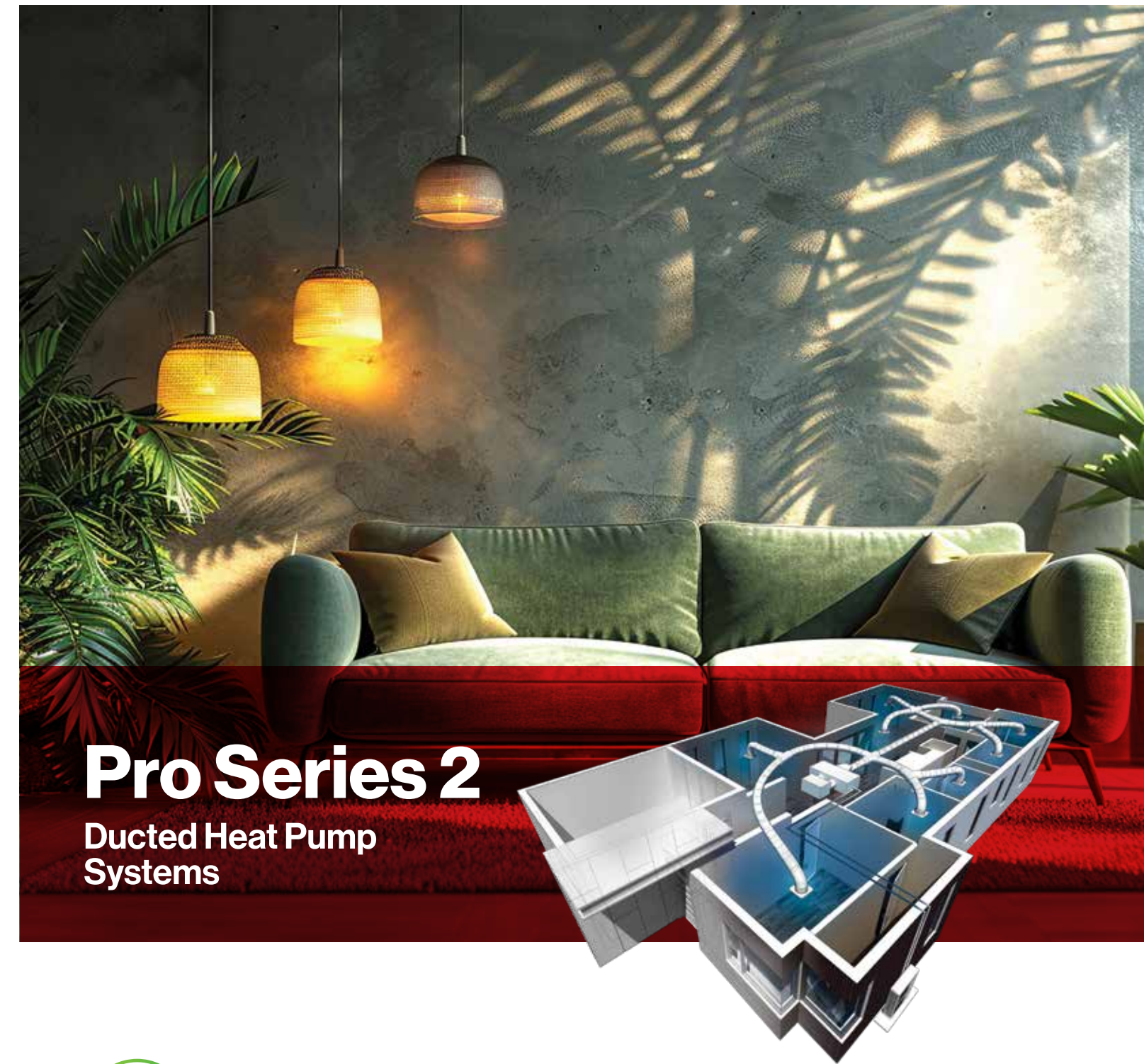
*For full terms & conditions visit www.rinnai.co.nz/warranty

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Rinnai

Pro Series 2™



Pro Series 2 Ducted 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.

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 2 is designed especially for New Zealand. With durable build materials and organic coatings, the Pro Series 2 is designed to better resist our harsh coastal environments where salt can have a devastating effect on lesser-designed products

Our outdoor unit has been carefully engineered for durability, featuring stainless steel bolts, a smartly designed casing that maximises water runoff, and a hermetically sealed electrical box – all contributing to the long-lasting performance of the series. The Rinnai Ducted range is designed for most installation spaces, offering flexible rear or bottom return-air options to suit more locations. Within the range, there are two high-efficiency inverter splittable models – 15 kW and 18 kW

— that can be split into two sections to make positioning and installation significantly easier. For installations where a split unit isn't required, non-splittable models from 7kW through to 15kW are available. Vertical installation options are now offered on the 7kW and 9kW indoor models, providing flexibility to suit a wide range of homes. The system is engineered to perform just as well in Southern winters as it does in Northland summers, with precision

components delivering market-leading efficiencies even at lower temperatures.

This is just some of the smart thinking that has gone into making the Rinnai Pro Series 2 perfectly suited to where you live – New Zealand.

Pro-Pel Coil Protection

The Rinnai Pro Series 2 indoor and outdoor coils are coated with our unique, non-toxic Pro-Pel Coil Protection making them more resistant to oxidation and corrosion. This 100% environmentally friendly coating delivers greater longevity and sustained performance in coastal areas and other harsh environments.

Additionally, the hydrophilic properties of Pro-Pel Coil Protection effectively reduce bacteria growth and improve the low-temperature heating efficiency of the Pro Series 2 by accelerating the defrosting process.

Wi-Fi Control

The Rinnai Pro Series 2 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 to auto on/off when you arrive or leave home – the ultimate in convenience and comfort.

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



Rinnai Whole Home Heating and Cooling

Indoor Unit

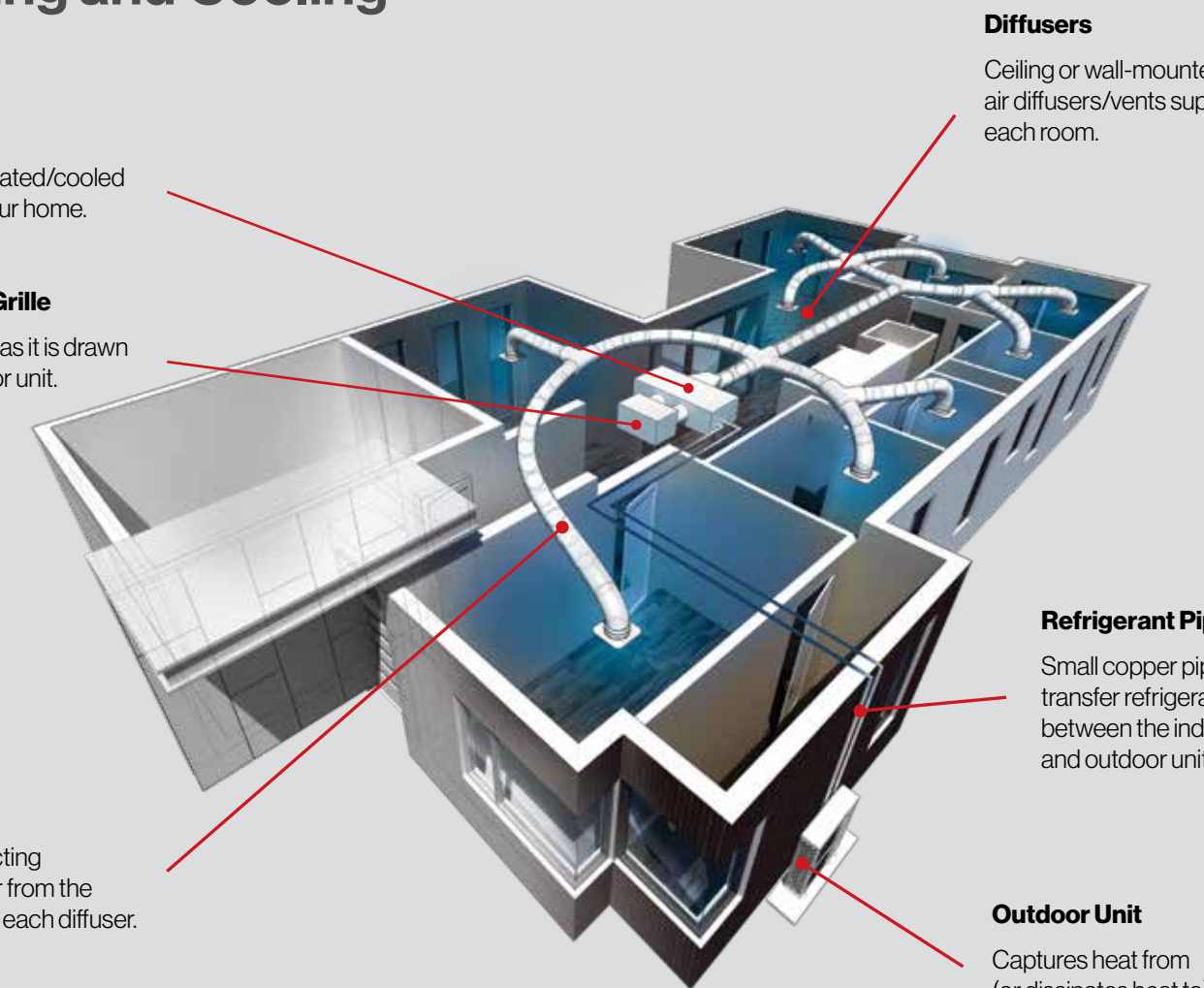
Drives the heated/cooled air around your home.

Return Air Grille

Filters the air as it is drawn into the indoor unit.

Ducting

Insulated ducting distributes air from the indoor unit to each diffuser.



Diffusers

Ceiling or wall-mounted air diffusers/vents supply each room.

Refrigerant Pipes

Small copper pipes transfer refrigerant between the indoor and outdoor unit.

Outdoor Unit

Captures heat from (or dissipates heat to) the outside air.



CNTRLDRCINW2
Standard
Mono LCD Screen

Wall Mounted Programmable Controller and Thermostat



Two Size Options for 15kW Indoor Units

Non-splittable single fan/splittable twin fan



Vertical/Horizontal installation options

On 7kW and 9kW models



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).



Eco Cool

When in cooling mode, with the press of a button your ducted system will enter a pre-programmed combination of settings which can reduce energy use by up to 60%.



Turbo Mode

This function gives you a boost in cooling or heating power to more quickly achieve your desired room temperature.



Daily and Weekly Timer

A convenient on and off timer for the next 24 hour period – programmable from your remote. Convenient weekly scheduling programmable via the wall controller or the NetHome Plus App.



Dehumidify Mode

Take moisture out of the air when humidity gets high with this helpful feature.



Active Clean

Six-step self-cleaning at up to 56°C temperature deeply purifies the evaporator, providing a fresh and clean air supply. Recommended to run at the end of each season.



FreshFlow Air Inlet

Remove stale air and save energy by introducing cool, filtered fresh air via the built-in Freshflow Air Inlet. Requires additional duct installation, consult with your installer.



Zoning

The zoning of rooms is deliverable via third-party zone controllers. Compatible systems include MyAir, Airtouch and iZone. Discuss with your installer for more information.

