

Rinnai Pro Series

Designed for New Zealand's ever-changing climate, the Rinnai Pro Series 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 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 range is discreet, quiet and simple to use. The perfect way to heat or cool your home.

Technical Information

Rinnai

Pro Series™

MODEL TYPE			MID STATIC – SLIM DUCTED		HIGH STATIC - DUCTED			
RINNAI Pro Series Ducted System			**DSNR07B1**	**DSNR09B1**	**DSNR11B1**	**DSNR13B1**	**DSNR15B1**	**DSNR18B1**
Heating	**Rated Capacity @ Outdoor 7°C**	**kW**	**7.5**	**10.0**	**11.5**	**13.0**	**14.5**	**18.0**
	Capacity Range	kW	1.79 – 10.50	3.45 – 13.50	3.45 – 13.50	4.44 16.65	4.44 – 16.65	2.93 – 21.10
	Rated Power Input	kW	1.7	2.25	2.7	3.15	3.6	4.55
	Rated Current	A	7.9	12.8	12.8	16.3	16.3	19.5
	ACOP	W / W	4.33	4.38	4.21	4.08	3.99	3.92
Cooling	**Rated Capacity @ Outdoor 35°C**	**kW**	**7.3**	**9.0**	**10.5**	**12.5**	**14.0**	**17.0**
	Capacity Range	kW	2.38 – 9.00	3.15 – 11.85	3.15 – 11.85	4.20 – 15.75	4.20 – 15.75	6.80 – 19.50
	Rated Power Input	kW	2.1	2.55	3.1	3.45	4.2	5.25
	Rated Current	A	9.8	14.5	14.2	18.2	18.2	22.5
	AEER	W / W	3.42	3.48	3.35	3.56	3.31	3.21
Energy Performance Information								
ZERL Heating Capacity @ Outdoor 2°C		**kW**	**7.85**	**9.78**	**10.08**	**14.72**	**14.15**	**14.51**
ZERL Energy Consumption	Heating (Cold Zone)	kWh / year	2,363	3,226	3,966	4,233	4,941	6,485
	Cooling (Cold Zone)	kWh / year	357	434	437	597	677	832
ZERL Star Rating	Heating (Hot / Average / Cold)	Stars	3.5 / 3.0 / 2.5	3.5 / 3.0 / 2.5	3.0 / 2.5 / 2.0	3.5 / 2.5 / 2.5	3.0 / 2.5 / 2.0	3.5 / 2.5 / 2.0
	Cooling (Hot / Average / Cold)	Stars	4.5 / 3.5 / 3.5	4.5 / 3.5 / 4.0	5.5 / 4.0 / 4.5	4.0 / 3.5 / 4.0	4.0 / 3.5 / 4.0	4.5 / 3.5 / 3.5
Power and Connectivity								
Power Supply to Outdoor Unit			220 – 240V – 1 phase – 50Hz					
Maximum Input Power (Cooling / Heating)		kW	3.4	4.6	4.6	7	7	7
Maximum Input Current (Cooling / Heating)		A	16	21	21	31	31	31
Connectivity		–	Wi-Fi + Bluetooth Setup					
Indoor Unit Model No.			**DINLR07B1**	**DINLR09B1**	**DINLR11B1**	**DINLR13B1**	**DINLR15B1**	**DINLR18B1**
Maximum Static Pressure (ESP) – Adjustible		Pa	160	160	200	200	200	200
Air Flow (@100Pa)		L / s	480	625	840	1120	1120	1180
Dimensions	**Dimension (W x D x H)**	**mm**	**1100x774x249**	**1360x774x249**	**1200x625x380**	**1200x625x380**	**1200x625x380**	**1400x858x440**
	Weight – Net / Gross	kg	32 / 38	40 / 48	54 / 62	53 / 62	53/62	81 / 92
Sound Pressure Level (High / Low)		dB(A)	38 / 32	45 / 39	39 / 34	46 / 40	46/40	53 / 45
Sound Power Level		dB(A)	52	60	60	66	66	66
Air Openings	Supply Air (W x H)	mm	926 x 175	1186 x 175	1000 x 253	1000 x 253	1000 x 253	1188 x 385
	Return Air (W x H)	mm	1001 x 228	1261 x 228	1145 x 334	1145 x 334	1145 x 334	1188 x 385
Wired Controller	Model Numbers		Standard (CNTRLDRCINW) or Deluxe WHT or BLK (CNTRLDRCIPW/B)					
	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
Flexible Return Air	Rear or Bottom Return Air		Yes	Yes	No	No	No	No
Outdoor Unit Model No.			**DONSR07B1**	**DONSR09B1**	**DONSR11B1**	**DONSR13B1**	**DONSR15B1**	**DONSR18B1**
Dimensions	**Dimension (W x D x H)**	**mm**	**890x342x673**	**946x410x810**	**946x410x810**	**952x415x1333**	**952x415x1333**	**952x415x1333**
	Net / Gross Weight	kg	45 / 48	70 / 75	70 / 75	95 / 109	95 / 109	96 / 110
Sound Pressure Level @ 1m		dB(A)	60	60	62	60	60	60.5
Sound Power Level		dB(A)	65	68	68	69	69	72
Refrigerant	Type		R32					
	Pre-Charged Length	m	15					
	Charge Adjustment	g / m	24	24	24	24	24	24
	Max/Min Pipe Length	m	50 / 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 / 19.1
	Maximum Vertical Separation	m	25	30	30	30	30	30
Operation Range Outdoor	Heating	°C	-20 to 24					
	Cooling	°C	0 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.



6 YEAR WARRANTY*

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

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or call 0800 746 624

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Rinnai

R32 Refrigerant

COMPLETE HEAT & COOLING
Plumbing, Gasfitting and Heat Pumps

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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.

All installation scenarios are provided for to ensure the best fit for your home. The two Slim Ducted models are ideal when space is restricted. These units also have the option of either rear or bottom supplied return air for more installation locations. To further minimise disruption, the large 18kW high efficiency inverter unit can be split in two for ease of positioning and installation.

We've also built a product that operates just as well in our Southern winters as in our Northland summers, using precision components we achieve market leading operating efficiencies at even lower temperatures.

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

Pro-Pel Coil Protection

The Rinnai Pro Series 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 by accelerating the defrosting process.

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 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.

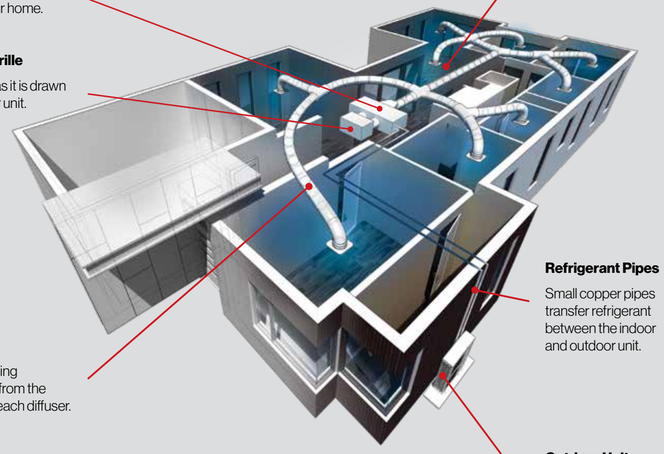


Rinnai Whole Home Heating and Cooling

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.

Wall Mounted Programmable Controller and Thermostat



CNTRLDRCIPB
Deluxe
Colour TFT Screen



CNTRLDRCIPW
Deluxe
Colour TFT Screen



CNTRLDRCINW
Standard
Mono LCD Screen

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).

GET IT ON Google Play Download on the App Store

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.

MyAir airtouch iZone

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