Rinnai



Australia's leading climate system

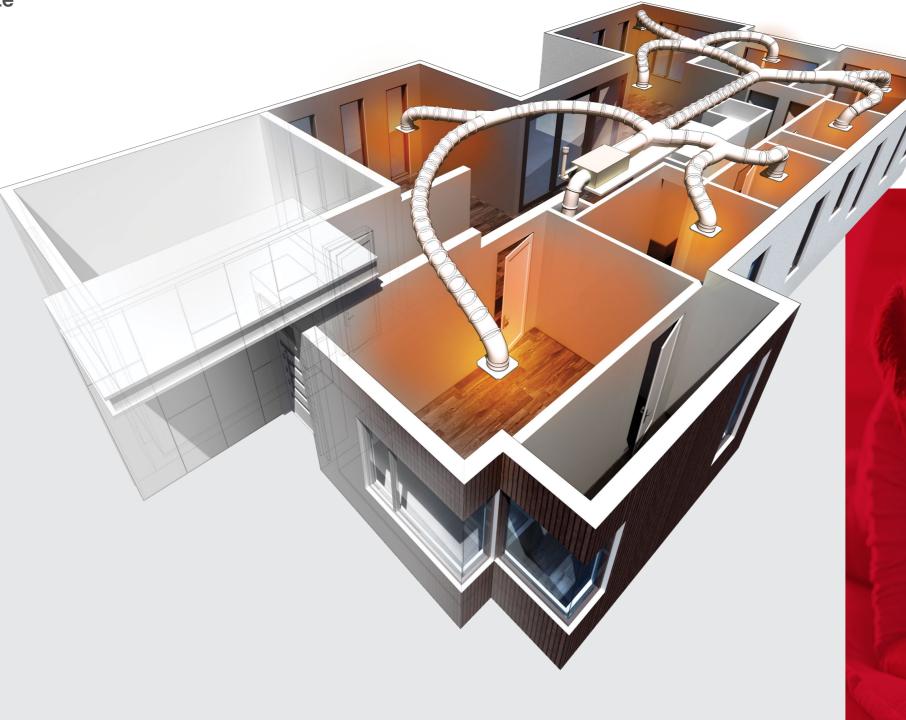
A reputation for innovation, reliability and quality for over 50 years has led to Rinnai being recognised as the staple of heating in Australian homes. Every Rinnai heater is made for the Australian winter and is guaranteed to provide your home with warm, cosy air for many years.

Our design and manufacturing process is accredited to the Australian Standard AS/NZS ISO9001. And our Ducted Gas Heaters come with warranties of up to 10 years. In addition to producing world-class home climate systems, Rinnai operates a National Customer Care Centre. Our knowledgeable staff are on hand to ensure total enjoyment of your new Rinnai Ducted Gas Heater.



Whole home heating

Incredibly effective and simple to operate



How does Ducted Gas Heating work?

Rinnai Ducted Gas Heating comprises a heating unit connected to a series of outlets via a system of ducts. Ductwork and outlets supplied by your installer are strategically placed throughout your home, either in the floor or ceiling. The position of the heating unit depends on your house.

The Rinnai Ducted Gas Heating system draws air from inside your home through the heater where it is warmed. A fan pushes it into the rooms of your home via the outlets and duct network, in the form of a steady, gentle supply of warm air.

The Rinnai controller monitors the air temperature on a continual basis and controls the Rinnai Ducted Gas Heating system to ensure a consistently warm temperature throughout the home. On our higher efficiency models, as the home heats up, the heater modulates the gas so only a small amount of energy is used to keep the space at your desired comfort level.

Once your home reaches your desired temperature the heater unit switches off once all the hot air inside the unit has been used.

Rinnai Performance Guarantee

Ask your local Rinnai dealer to size your home using the Rinnai Climate Sizing Guide. This unique sizing tool, ensures your home is measured up correctly and accurately for all Rinnai heating and cooling solutions.

Backed by our Rinnai Performance Guarantee, our Rinnai Sizing tool is the answer for ultimate peace-of-mind.

Heating that doesn't cost the earth

Features and Benefits

Benefits of heating with natural gas

Gas is a low cost, low carbon and convenient fuel of choice for Australian consumers when it comes to cooking, hot water and winter heating. Gas fired appliances are proven contributors to reducing greenhouse gas emissions and are efficient and responsive.

More than 100,000 km of gas pipelines around Australia meet the needs of 4.5 million customers with exceptional reliability.**

Star ratings explained

The star rating on your Ducted Gas Heater helps you compare how much gas your heater is actually using. It's an indicative guide that outlines the running cost of the heater in terms of annual energy usage. The higher the star rating, the more energy efficient the heater is - meaning bigger annual savings on your running costs. On average, an increase of one star means energy usage savings of approximately 10 percent.



Energy savings are compared to a standard 3.0 star Ducted Gas Heater. Running Cost Data is based on Australian Standard AS5263.1.6:2016. House Heat Load 0.2MJ/Hr/m³ and 600 Hours of operation (100 days at 6 hours per day). Annual Energy Consumption - as per AGA Star Ratings for Ducted Gas Heating Systems. Gas Price = 2.09 cents per MJ/HR. Savings based on House Floor Area of 220m² for New Homes built pre 2005*, with 2.4m ceiling. Actual savings may vary due to variations in factors such as fuel costs, house size, thermal insulation and heater usage patterns. * Source: Sustainability Victoria 2020



Easy Installation

Internal and external units designed for hasslefree installation, with internal units easy to split and lift for greater flexibility.



Efficient Energy Rating

With up to 6 star energy rating models available, this high efficiency feature uses less energy and provide long terms savings during the service life of your heater,



Locally Manufactured

Made in Melbourne under the most stringent standards for quality and performance. Design and manufacture is accredited to ISO9001.



DualComfort™ (Add-On Refigeration)

Keep cosy and cool all year round with DualComfort™ Add-On rerigertation available with selected Ducted Heating models. Uses the same ducts for both heating and cooling.



Zoning

ZonePlus[™] allows you to control up to four individual zones each with their own timer, temperature settings and reduced running costs.



Wi-Fi Control

Enjoy ultimate control of your Ducted Heater or Add-On Cooling from almost anywhere with an Internet connection using the Rinnai Touch™ App.



Small Spaces

Selected models can be installed sideways for versatile installation in restricted areas.



Fast Warm Up

It doesn't matter what the temperature is outside, your Rinnai Ducted Gas Heater will warm up your whole home before you know it.



Robust & Reliable

With a history expanding over 50 years in Australia, Rinnai are unmatched in reliability. Units are designed to withstand Australia's varied climates and are built to last.



How it works

So simple yet so effective

BX5 Perfect changeover solution

1. Fanspeed Control (no cold drafts)

Adjustable air volume of up to 16 Fan Speed settings to better match airflow to your home. Soft start fan eliminates cold drafts on startup.

2. Efficient Heat Exchanger**

4-Pass Heat Exchanger for absolute maximum efficiency and minimal gas usage, utilising stainless steel, aluminised & non-corrosive materials where you need it most.

3. Rapid Heat

Boost mode for cold starts to warm your home rapidly. Feel cosy fast.

4. Insulated Cabinet

Twin skin and fully insulated cabinets keep the heat where it is needed inside your home and not wasted outside.

5. Electric Ignition On Demand

Electronic start ensures no wasted gas (pilot light) when not operating. Most reliable form of ignition.

6. Modulating Gas Valve

Helps maintain a more even temperature in your home for ultimate comfort.

7. Safety Controls

Sophisticated multi level safety controls that meet or exceed Australian Standards for supreme peace of mind.

8. Multispeed Combustion Fan

Automatically adjusts the combustion air through the heat exchanger for maximum efficiency.

*For full terms and conditions visit rinnai.com.au.** SP6.*** Energy savings are compared to a standard 3.0 star Ducted Gas Heater, Running Cost Data is based on Australian Standard AS5263.16.2016. House Heat Load 0.2MJ/Hr/m3 and 600 Hours of operation (100 days at 6 hours per day). Annual Energy Consumption - as per AGA Star Ratings for Ducted Gas Heating Systems. Gas Price = 2.00 cents per MJ/HR*. Savings based on House Floor Area of 220m2 for New Homes built pre 2005*, with 2.4m celling. Actual savinos may vary due to variations in factors such as fuel costs. house size thermal insulation and heater usage patterns. *Source: Sustainability Victoria 2020

Rinnai BX5

The Rinnai BX5 Star Heater has been designed with efficiency and reliability in mind. The energy efficient BX5, 5 star is the perfect solution for replacing or upgrading your existing Buffalo. With savings of \$420*** on annual running costs compared to a standard 3 Star appliance, the BX5 is a simple upgrade choice. Your investment in the BX5 is sure to provide you many years of trouble free, high efficiency comfort, as well as reduced gas consumption.

Features

- High Efficiency 5 Star rating
- Easy to install
- Zone Plus compatible up to 4 Zones
- Five year parts & labour warranty
- Great choice for Add-On Ice Cooling







SP Series

Premium range of heaters

SP4 Series

Rinnai' SP4 boasts up to an impressive 4.8 Star energy efficiency rating, making it one of the highest rated 4 Star Ducted Gas Heaters available.

Due to its flexible installation options the SP4 series is perfect for upgrading your old Ducted Gas Heater. It is an ideal all-round gas heater that's affordable, incredibly efficient and compact.



- Five year parts and labour warranty
- Lay down kit (Internal SP415/SP421)
- ZonePlus[™] compatible
- DualComfort[™] compatible
- Economical to run
- Universal internal/external application
- Outstanding efficiency up to 4.8 Stars



SP5 Series

Rinnai' latest 5 Star non-condensing range of Ducted Gas Heaters delivers excellent efficiency while using less gas to heat your home, all without the need for condensate drains. Rinnai can now not only deliver a 5 Star rating without producing condensate, but can offer a cheaper way to get 5 Star efficiency without compromising on quality.

GAS

A non-condensing Ducted Gas Heater makes the system easier and faster to install, making it a great option for a new installation or to replace your old heater - meaning lower installation costs.

Features

- Five year parts and labour warranty
- Lay down kit (Internal application)
- ZonePlus[™] compatible
- DualComfort^{™™} compatible
- Cheaper and easier to install
- High efficiency
- Non-condensing 5 Star Rating



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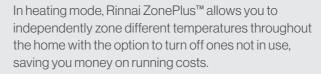
SP5 External & Internal models

SP6 Series

Introducing Rinnai' highest efficiency Ducted Gas Heater, the SP6 series. The new range of Rinnai 6 Star heaters is cleverly engineered to use less gas than traditional Ducted Gas Heaters. This is achieved through our efficient 4 Pass Heat Exchanger with Modulating Gas Valve - meaning you get superior temperature control and greater efficiency.

STAR

GAS



With DualComfort™ compatibility, your 6 Star heater can be your ultimate gas heating and refrigerated cooling solution all year round. Selected models are also available in Universal Liquefied Petroleum Gas (ULPG).



Energy Star Partner only applicable in New Zealand. Applies to SP6 range, not including SP615IN



Features

- Highest possible gas energy star rating
- Reduced running costs
- Reduced carbon emissions
- DualComfort[™] compatible
- ZonePlus[™] compatible





How it works

Solutions for every home

DualComfort™ product features

- ZonePlus™ compatible (SP heaters only)
- Advanced control options
- Australian designed, locally made for more than 50 years

Keep your energy costs to a minimum

The combination of Ducted Gas Heating with refrigerative cooling provides a superior whole home climate control solution at an affordable rate.

The ultimate form of air-conditioning

The system combines the best form of heating and the best form of cooling. It can be zoned, utilises common ductwork and allows you to maintain your desired level of comfort all year.

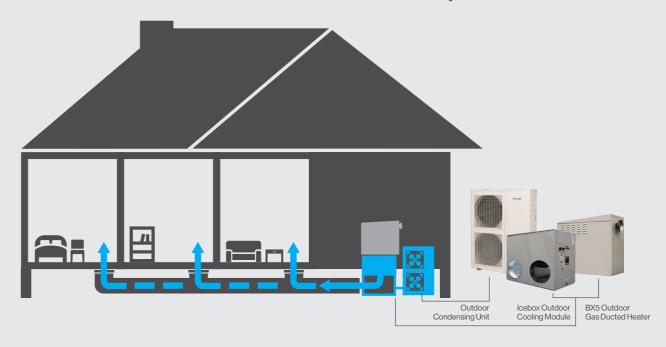
Better performance in cold ambient temperatures

The reverse cycle heating capacity of an Air Conditioned reduces and works less efficiently when outside temperatures drop. The heat output and efficiency of a Ducted Gas heater is not impacted by ambient temperature and remains steady.

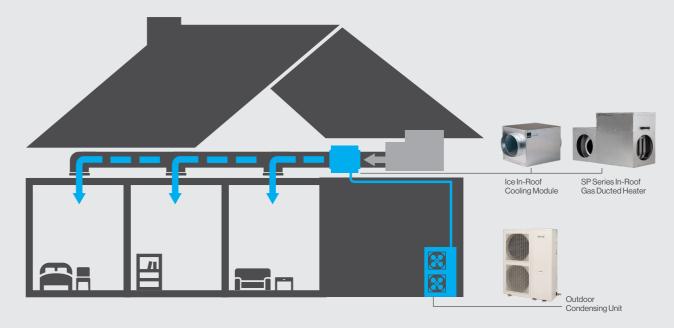
Flexible installation options

With the DualComfort[™] heating and cooling solution you can install both the gas heating and refrigerated cooling at the same time, or install just the heating first, ready for the cooling to be added in at a later date. Simple. Ask your installer about being DualComfort[™] ready.

DualComfort solution for homes built on stumps



DualComfort solution for concrete slab homes





Zoning

Complete comfort control



Introducing Rinnai Zoning Solutions

ZonePlus™

For outstanding individual comfort, control and energy management, ZonePlus™ allows you to have up to four individually controlled zones, each with their own time and temperature settings.**

For total flexibility, you can upgrade as many Rinnai Temperature Sensors to Rinnai NC6 or Touch controllers allowing you to fully control, program and manage each zone – eliminating the need for you to go back to a Master controller. Adjust temperatures for each zone as it suits you from any controller in the home. Perfect comfort, absolute control. ZonePlus™ works in unison with any Rinnai SP series Ducted Gas Heater with 4, 5 and 6 star efficiencies.

Adaptive Zoning

Allows heating or cooling to be used with one or more Rinnai controllers, operating a common zone, as well as up to four additional zones, e.g. lounge room, bedrooms, kitchen/dining etc.

A Rinnai NC6 or Touch can simply turn zones on or off to manage only those areas you are using.

*In some Dual Comfort applications a Constant Zone may be required. Consult your specialist dealer for more information.

Touch App mobile controller, Refer to

controllers page for more information

Benefits of ZonePlus™

Reduce your energy costs

Switching off unused zones not only helps reach your set temperature faster, but will also save you lots on your energy bill. Adjusting your comfort levels moderately can also make big changes to your energy bill.

Get more comfortable quicker

With the option of Rinnai controllers in every zone, you no longer need to rely on one central controller managing your entire home. Controlling your climate is only ever a few steps away. How convenient is that?



Rinnai Touch™



Rinnai NC6 Networker™



Remote Temp Sensor

^{**} For multi temperature set point (MTSP) systems the zone temperature setpoint can be set independently across all Networker / Touch Controllers or temperature sensors.

Controllers



Touch Controller

Comfort is right at your fingertips with the Rinnai Touch™ Controller. Control vour Rinnai Ducted Gas Heater, Evaporative Cooler and Add-On Cooling using its high resolution touchscreen.

With its convenient 7 day programmability function and easy-to-use interface, the Rinnai Touch Controller combines the best engineering and technology into one unit.

- Security control prevents unauthorised usage.
- Simple on/off and temperature up/down functionality.
- · Inbuilt status monitor.
- Monitors usage and alerts you when it's time to maintain your appliances.
- Facilitates optional on-board zoning functionality and customisation.

Touch App

Enjoy ultimate control of your Rinnai Gas Ducted Heater, Evaporative Cooling or Add-On Cooling from almost anywhere with an Internet connection. With the ability to turn your unit on/off, set temperatures and modes (heating or cooling) and zone control, complete comfort has never been easier.

- Available on Google Play and App Store.
- Multiple user capability.
- Retrofits to existing Gas Ducted Heaters, Evaporative Cooling and Add-On Cooling with compatible Network Controllers.

NC6 Networker

The Networker is designed with an easy-touse rotary dial, an easy-to-read LCD screen and is backlit using Electro-Luminescence (EL) technology, making the screen easier to read in poorly lit areas or at night. The NC6 can operate both a Rinnai ducted gas heater as well as a Rinnai cooling system, providing total control.





Remote Temperature Sensor for ZonePlus

For total flexibilty when zoning your home a remote temperature sensor, when used with a Touch or Networker control, will help you manage and control temperatures throughout your home.



Servicing

Quality service for over 50 years

Rinnai products are renowned for their quality, performance and reliability, and have been keeping Australians comfortable for over 50 years. Our commitment to producing exceptionally engineered, high quality products is supported by our manufacturer's warranty through factory-trained professionals, ensuring your ultimate protection and peace of mind.

The Rinnai standard parts and labour product warranty is 5 years. Rinnai offers the option of extending this warranty up to a further 4 years, for a total of 9-year parts and labour warranty, on Rinnai Ducted Gas Heaters¹. Furthermore, Rinnai offers a 10 year warranty on the gas burner, heat exchanger and structural component.

Heating and cooling equipment is subject to normal wear and tear and often operates under extreme conditions. It is recommended that such appliances be serviced and maintained by qualified licensed technicians at a minimum of once every two years to prolong the life of the unit, help keep it running safely and at optimum efficiency.

Rinnai Service Advantage Program

Have complete peace of mind by participating in Rinnai' comprehensive Service Advantage Program.

Extend your standard 5 year parts and labour warranty on your Gas Ducted Heater by another 4 years, by registering your product and completing the scheduled servicing using our National Service Network.

Rest assured your appliance will either be repaired or replaced by experienced and qualified technicians using genuine replacement parts.

Register your system online at:

Rinnai.com.au/warranty

We're at your service

The National Customer Care Centre provides first class service and maintenance of you system, ensuring it's running at its highest efficiency so you can enjoy the Rinnai experience for many years to come.

Operating 5 days a week (Monday to Friday)

13 43 73

Up to 9 years warranty*



^{*5} year + 4 year extended. Conditions apply, visit Rinnai.com.au for full terms and conditions.

Technical Information

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	Features	BX5	SP4	SP5	SP6
	Star Rating	****	****	****	*****
	Heating kW capacities	20/30	15/21/30/35	21/30/35**	15**/23/30/35
	5 Year Parts & Labour Warranty	•	•	•	•
(y	9 Year Warranty (5 Year Standard + 4 Years Optional Parts & Labour Extended Warranty*)	•	•	•	•
Standard Features	Australian Made	•	•	•	•
ard F	Electronic spark ignition	•	•	•	•
-eatı	Powered Flue	•	•	•	•
ıres	Internal option		•	•	•
	External option	•	•	•	•
	Fan Speed Sensing	•	•	•	•
	Modulating Gas Valve	•	•	•	•
	Internal Unit Lay down option		•#	•	•
	Networker compatible	•	•	•	•
Opti	Wi-Fi compatible	•	•	•	•
Optional Features	Dual Comfort Add-On Cooling compatible	•^	•	•	•
Ţ	ZonePlus Compatible	•	•	•	•

Rinnai Ducted Gas Heate	r Star Rating	Capacity (kW)	Airflow (L/s) @ 100Pa ESP	Duct Connection Pop sizes (mm)	Dimensions (L x W x H)	Net Weight (kg)	Available in LPG / ULPG
			SP6 Series	5			
RSP615IN	6.0	15.0	630	300	1021 x 395 x 634	57	-
RSP623EN	6.0	23.0	660	300	1046 x 416 x 750	68	-
RSP623EN-XA	6.0	23.0	705	350	1046 x 416 x 750	68	ULPG
RSP623IN	6.0	23.0	720	300	1021 x 395 x 634	58	-
RSP623IN-XA	6.0	23.0	755	350	1021 x 395 x 634	58	ULPG
RSP630EN	6.0	29.0	890	350	1096 x 568 x 810	89	-
RSP630EN-XA	6.0	29.0	1020	400	1096 x 568 x 810	89	ULPG
RSP630IN	6.0	29.0	1085	350	1070 x 547 x 684	78	-
RSP630IN-XA	6.0	29.0	1120	400	1070 x 547 x 684	78	ULPG
RSP635IN	6.0	35.0	1155	450	1070 x 547 x 684	78	ULPG
			SP5 Series	5			
RSP521EN	5.0	21.0	645	300	1046 x 416 x 657	66	-
RSP521EN-XA	5.0	21.0	685	350	1046 x 416 x 657	66	-
RSP521IN	5.0	21.0	740	300	1021 x 395 x 634	53	-
RSP521IN-XA	5.0	21.0	770	350	1021 x 395 x 634	53	-
RSP530EN	5.0	30.0	995	350	1096 x 568 x 707	85	-
RSP530EN-XA	5.0	30.0	1000	400	1096 x 568 x 707	85	-
RSP530IN	5.0	30.0	1110	350	1070 x 547 x 684	71	-
RSP530IN-XA	5.0	30.0	1170	400	1070 x 547 x 684	71	-
RSP535IN	5.0	35.0	1190	450	1070 x 547 x 684	72	-
			SP4 Series	5			
RSP415UN	4.1	15	555	300	845 x 397 x 625	65	-
RSP421UN	4.8	21	555	300	845 x 397 x 625	65	-
RSP430UN	4.2	30	953	350	923 x 549 x 644	84	-
RSP435UN	4.3	35	1041	400	923 x 549 x 644	84	-
			BX5 Series	5			
300mm base b			545	300	050 400 755		
RBX520 350mm base b	5.1	20	609	350	852 x 420 x 775	57	-
350mm base b	OX 5.0		972	350	1000 500 5		
RBX526 400mm base b	5.0	30	1042	400	1028 x 580 x 866	67	-

 $^{{\}bf SP4}\, Universal\, unit\, air flow\, is\, for\, internal\, application\, configuration.$

		A	dd on ICE™ - Dual	Comfort™				
	System Overview		10	13	15	17	18	22
Power Supply		V-ph-Hz		220~2	40-1-50		415-	3-50
Mode				Inve	erter		Conventional	
	Nominal Capacity	kW	10	13	15	17	18	22
	Rated Capacity	kW	10.1	13.07	14.57	16.24	18.2	22.2
Cooling Capacity	Capacity Range	kW	4.8 ~ 11.0	6.3~14.0	7.5 ~ 16.0	8.3~16.6	N	/A
	Rated Input	W	3.20	4.08	4.67	5.18	5.2	5.84
	AEER		3.12	3.20	3.12	3.13	3.50	3.80
	ICE™ Outdoor Unit		DONSC10Z71	DONSC13Z71	DONSC15Z71	DONSC17Z71	DO-SC18Z91	DO-SC22Z
ower Supply		V-ph-Hz		220~2	40-1-50		415-3-50	
Maximum Input Current		А	18.0	23.0	25.0	27.0	20.9	20.9
Compressor		Type	Rotary	Rotary	Rotary	Rotary	Scroll	Scroll
Sound Pressure Level @3m	1		61	62	62	62	56	56
Sound Power Level		dB(A)	70	71	71	71	70	70
	Dimensions (L x W x H)	mm	946 x 410 x 810	952 x 415 x 1333	952 x 415 x 1333	952 x 415 x 1333	1258 × 450 × 1390	1258 × 450 × 13
imensions	Net Weight	kg	68.5	100	116	130	141	144
	Refrigerant	Type			R4	10A		
	Gas Connection Size	mm	15.9	19.0	19.0	22.2	22.2	28.6
	Liquid Connection Size		9.5	9.5	9.5	12.7	12.7	12.7
	Recommended Interconnecting	1-10m	15.9	19.0	19.0	22.2	22.2	28.6
	Pipe Size - Gas (mm)	10 - 30m					28.6	28.6
lefrigerant Piping	Recommended Interconnecting	4 40	9.5	9.5	9.5	12.7	9.52	12.7
	Pipe Size - Liquid (mm)						12.7	12.7
	Precharged Length		15	15	15	15	15	15
	Max. Pipe Length		65	65	65	55	30	30
	Max. Height Diff (CDU below)		30	30	30	30	8	8
	Max. Height Diff (CDU above)		30	30	30	30	8	8
mbient Temperature Limit	_	°C	-15 ~ 50	-15 ~ 50	-15~50	-15 ~ 50	-5~46	-5~46
	ICE™ Indoor Unit		DINLU10Z7	DINLU13Z7	DINLU15Z7	DINXU17Z7	DI-XU18Z	DI-XU22Z
ower Supply		V-ph-Hz		220~24	40-1-50		N	/A
escription		Type		Co	ompact Coil with Ro	und Duct Connection	ons	
	Rated		678	697	830	956	900	1100
irflow	Minimum	L/s	500	550	620	850	750	900
	@ Rated Airflow (Dry / Wet)		48/58	50/60	65/80	92/122	138 / 173	101 / 127
Coil Static Pressure Drop	@ Minimum Airflow (Dry / Wet)	Pa	33/38	35/40	48/60	73/98	91/114	82/103
	Dimensions (L x W x H)	mm	823 x 540 x 678	823 x 540 x 678	823 x 540 x 678	777 x 811 × 549	680 × 627 × 542	777 x 748 × 5
imensions	Net Weight	kg	31	31	40	42	36	41
uct Connection (Outlet)	-		Ø 400	Ø 450	Ø 450	Ø 450	Ø 450	Ø500
Duct Connection (Inlet)		mm	Ø 400	Ø400	Ø400	Ø400	Ø400	Ø 450
Condensate Drain Connection			20	20	20	20	20	20
	Gas		15.9	19.0	19.0	22.2	22.2	28.6
Refrigerant Pipe Connections	Liquid	mm	9.5	9.5	9.5	12.7	12.7	12.7
			0.0	0.0	0.0	141	14-7	12-1

Rated capacities rated in accordance with AS3823 with 5m charged length. With our policy of continuous improvement, we reserve the right to change, or discontinue at any time, specifications or designs without notice.

Rinnai Ducted Gas Heater Compatability (Table indicates maximum recommended add-on cooling capacity)									
		Rinnai ICE™ Conventional							
Heater Range	10	13	15	17	18	22			
RSP6	RSP615I	RSP623I, RSP623E, RSP623E XA	RSP623IXA	RSP630E, RSP630E	(A, RSP630I, RSP630I XA	RSP635I			
RSP5	-	RSP521I, RSP521E, RSP521E XA	RSP521IXA	RSP530E, RSP530E	(A, RSP530I, RSP530I XA	RSP535I			
RSP4U	RSP415U, RSP421U	-	RSP430U	RSP435U	-	-			
RBX5	RBX520 XA	-	-	RBX526	RBX526 XA	-			

Ductwork and fittings for Dual Comfort Systems must be designed and sized by the installer to ensure the minimum cooling airflow requirements are met at all times.

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 $^{{}^*\}text{Terms and conditions apply, see rinnai.com.au for more information.} \\ {}^*\text{Internal only.} \\ {}^*\text{SP415 \& SP421 only.} \\ {}^*\text{Selected models} \\$

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For further information call 1300 555 545 or visit rinnai.com.au

TOTAL HOME COMFORT







