

At Daikin, we're not just in the business of heat pumps. We're in the business of human comfort. Our passion for designing and engineering smart technologies ensures your comfort levels are maximised.

Daikin's recognised as an expert in air conditioning. As specialists, air conditioning is all we do. In fact, we're the only company in the world to make both heat pumps and refrigerants which enables us to deliver air conditioning solutions that are world leading in performance, quality and reliability.

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THE SENSITIVE CHOICE FOR YOUR HOME

We're proud of our innovations. So we're pleased to announce that Daikin Split Heat Pumps are approved by the Asthma and Respiratory Foundation New Zealand. They introduced the Sensitive Choice® program to help identify products better suited for people who suffer from asthma and allergies. Daikin Split Heat Pumps and Air Purifiers are recognised by the Sensitive Choice® program, and carry the Blue Butterfly symbol.

DAIKIN CARES FOR YOUR AIR

All Daikin Split Heat Pumps and Air Purifiers are designed with an air-purifying filter. Many are fitted with a more advanced Titanium Apatite Deodorising Air Purification filter. These filters not only trap most microscopic airborne particles, but also assist to decompose odours, absorb and deactivate bacteria. Music to the ears of every sensitive nose.



DAIKIN'S ENERGY STAR **HEAT PUMPS**

Only the most energy efficient heat pumps qualify for Energy Star, New Zealand's mark of energy efficiency.

Daikin is a New Zealand Energy Star partner with a range of Energy Star qualified heat pumps.

To qualify for Energy Star, a heat pump must work very efficiently in both heating and cooling modes. Energy Star qualified models must also be proven to work efficiently at 2°C, when they're more prone to icing up and going into defrost mode.

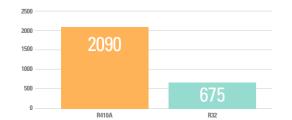


COMFORT REINVENTED

For over 90 years, Daikin has invested heavily in Research and Development to deliver more effective climate control for you and your family. Daikin technologies help make Daikin heat pumps energy efficient, powerful, reliable and easy to use.

Here are some examples of the innovative technology you can find in your Daikin Split Heat Pump.

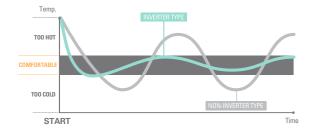
GLOBAL WARMING POTENTIAL



R32 REFRIGERANT

All Daikin wall mounted Split Heat Pumps use R32 refrigerant. With a lower global warming potential and a higher refrigeration potential than refrigerants such as R410A, R32 systems can deliver more efficient cooling and heating with less risk of harm to the environment.

LESS TEMPERATURE FLUCTUATION



INVERTERTECHNOLOGY

An inverter system works like the accelerator of a car, gently increasing or decreasing power. They reach the desired temperature quicker and steadily maintain it without fluctuations. That means uninterrupted comfort and significant savings on running costs.

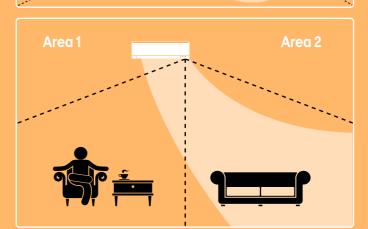
Neodymium Magnet Ferrite Magnet 10x Stronger

RELUCTANCE DC MOTOR

Our outdoor units incorporates Daikin's Reluctance DC motors. These motors which drive our compressors, utilise the magnetic torque of neodymium magnets in conjunction with reluctance torque, which can boost efficiency by up to 40% more than conventional motors.



INTELLIGENT EYE SENSOR





AS SMART, AS IT IS STYLISH



INDUSTRY LEADING

US7 is the first Split Heat Pump in New Zealand to be awarded a 7-star 'Super Efficiency' rating*. It is also packed with advanced technologies and a range of innovative features that distinguishes US7 from every other.



ADVANCED HUMIDIFICATION

Excessively dry air can cause dry skin and a sore throat. Our advanced humidification unit in the outdoor unit draws moisture from outdoor air and distributes this indoors to make you feel warmer and more comfortable.



R32 REFRIGERANT

R32 is the next generation in refrigerants with a substantially lower 'Global Warming Potential Factor' than R410A, providing less risk of harm to the environment.



COANDA AIRFLOW

Discharge louvres are specially designed to stream air upwards along the ceiling for longer throws and delivering rapid cooling and even temperature distribution in the occupied space.



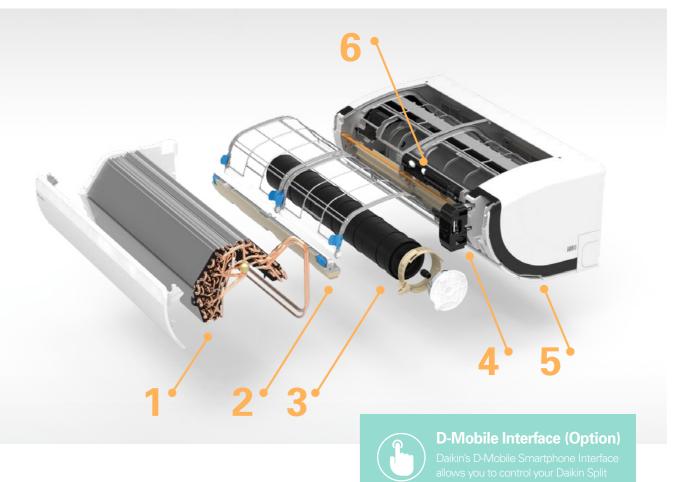
POWERFUL DEHUMIDIFICATION

Through intelligent control of the indoor heat exchanger and mixing warmer room air with dehumidified air, US7 cleverly reduces humidity without making your room too cold and uncomfortable.



UNIQUETWO-STAGE FILTRATION

While the outdoor unit removes carbon monoxide, exhaust gasses and bad odours via a thermal catalyst, the indoor unit's flash streamer technology removes mould, formaldehyde and other allergens from the air keeping your room's air fresh and clean.



TECHNOLOGY

1. HIGH DENSITY HEAT EXCHANGER

US7's five row heat exchanger utilising Ø5mm copper piping delivers superior cooling and heating performance.

2. AUTOMATIC SELF CLEANING FILTER

An internal brush automatically collects and deposits dust from the air filter to help maintain stable airflow and minimise power consumption.

3. HYPER SAW EDGE FAN

Unique 'Saw Edge' design of the indoor fan rotor delivers superior airflow and quiet operations as low as 19dBA (25-35 Class Model).

6. 2-AREA INTELLIGENT EYE

improved comfort.

electric discharge.

Ensures draught free comfort, If no movement detected for a period of 20 minutes, the heat pump adjusts the set temperature by ±2°C to save energy.

4. FLASH STREAMERTECHNOLOGY

Decomposes bacteria and mould absorbed on

the filter by ionisation with an advanced plasma

By randomly varying airflow and direction, US7

simulates the sensation of a gentle breeze for

5. NATURAL BREEZE AIRFLOW

ENERGY RATING

CLASS		25	35	
STAR RATING	COOL HEAT	*****	*****	**** ****
ENERGY STAR COMPLIANT		\checkmark	✓	✓



DESIGNED TO IMPRESS



R32 REFRIGERANT

R32 is the next generation in refrigerants with a substantially lower 'Global Warming Potential Factor' than R410A, providing less risk of harm to the environment.



INVERTER POWERFUL OPERATION

Push the POWERFUL button on the remote control and you'll be relieved with a cooling or heating boost for a 20 minute period, even if the unit's already operating at high capacity.



INTELLIGENT COMFORT

Daikin's 2-area Intelligent Eye human sensor helps direct airflow away from you for draught free comfort and automatically enables energy saving operations when the room is unoccupied.



PROGRAM DRY FUNCTION

Besides reducing humidity, this function automatically controls temperature and airflow rate and will cleverly switch into cooling mode if the room temperature rises too much.



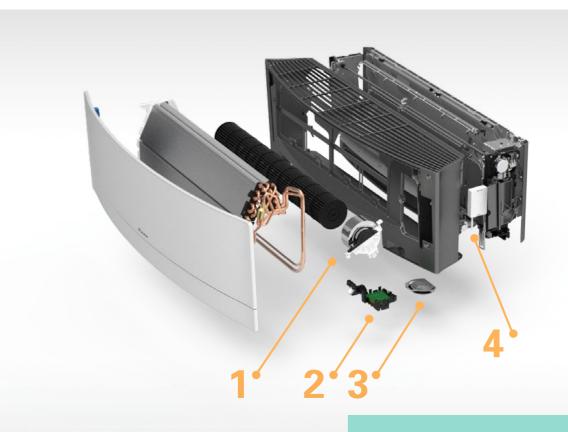
AIR PURIFICATION

Each model is fitted with a titanium apatite deodorising air purification filter that traps microscopic particles, decomposes odours and even deactivates bacteria.



COMFORT MODE

Airflow direction is optimised such that airflow is streamed upwards during cooling to prevent cold airflow being blown onto the body and downward during heating to drive warm air towards the floor of the room.





D-Mobile Interface (Included)

allows you to control your Daikin Split
System from anywhere, anytime.

TECHNOLOGY

1. DC FAN MOTOR

Daikin's DC Fan Motor is efficient and compact, featuring five step fan speeds including quiet and auto mode.

2. 2-AREA INTELLIGENT EYE

Ensures draught free comfort and if no movement detected for a period of 20 minutes, the heat pump adjusts the set temperature by ±2°C to save energy.

3. MULTI COLOUR MONITOR LAMP

LED lamp lights up a different colour based on operation mode for easy identification and convenient monitoring at a glance.

4. INTEGRATED CONNECTIVITY

The included D-Mobile Wireless LAN module can be conveniently placed into an internal housing compartment in the Zena indoor unit.

ENERGY RATING

CLASS		25	35	50
STAR RATING	COOL	****	***	**
STAN NATING	HEAT	****	***	***

Note: Please see features checklist on page 30 for full list of features

The more energy efficient. The Star Rating Index is determined under conditions of AS/NZS 3823.1.1



STYLED TO PERFORM



R32 REFRIGERANT

R32 is the next generation in refrigerants with a substantially lower 'Global Warming Potential Factor' than R410A, providing less risk of harm to the environment.



COANDA AIRFLOW

Discharge louvres are specially designed to stream air upwards along the ceiling for longer throws and delivering rapid cooling and even temperature distribution in the occupied space.



INVERTER POWERFUL OPERATION

Push the POWERFUL button on the remote control and you'll be relieved with a cooling or heating boost for a 20 minute period, even if the unit's already operating at high capacity.



INTELLIGENT COMFORT

The New 2-area Intelligent Eye is so clever it can now either direct airflow towards you or away from you for draught free comfort. If the room is unoccupied the unit will automatically enable energy saving operations.



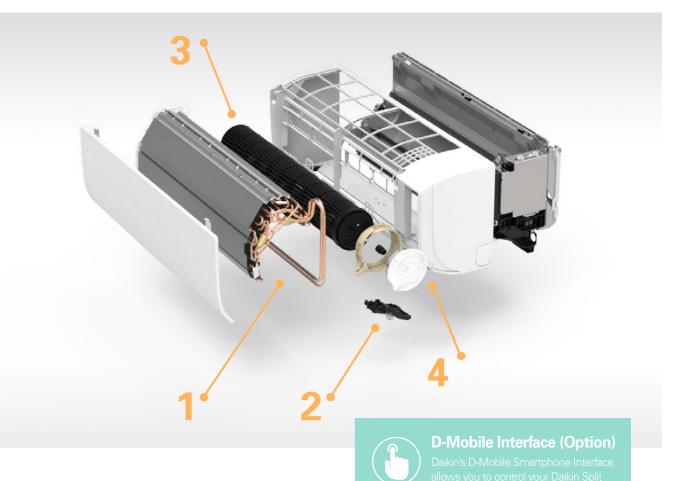
PRECISION CONTROL

For even greater precision and control, you can now set your room temperature in increments of 0.5°C to ensure optimal comfort conditions all year round.



AIR PURIFICATION

Each model is fitted with a titanium apatite deodorising air purification filter that traps microscopic particles, decomposes odours and even deactivates bacteria.



TECHNOLOGY

1. REDESIGNED HEAT EXCHANGER

Slit type fin design with Ø5mm piping increases heat exchange area for improved capacity output and energy performance.

2. NEW 2-AREA INTELLIGENT EYE

Gives you the option to direct airflow either towards or away from you for draught free comfort. If no occupation is detected, the heat pump operates in energy saving mode.

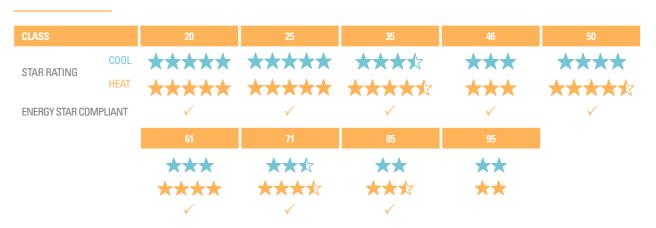
3. CROSS FLOW FAN

Large diameter rotor with aerofoil blade design delivers larger volumes of air more quietly than ever before.

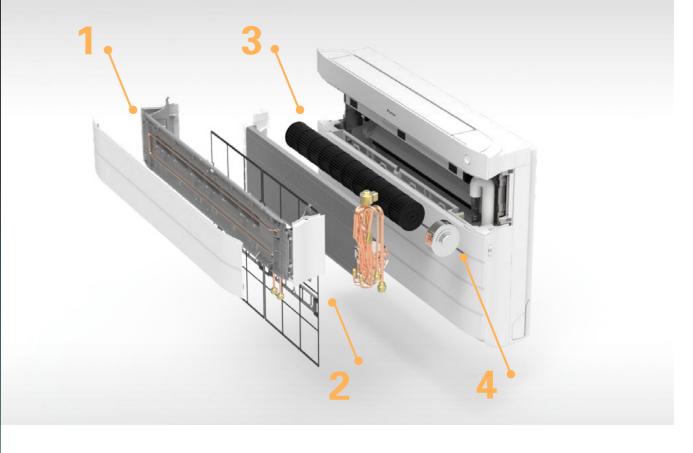
4. NEW ODM MOTOR

Compact 10 pole DC outer diameter rotor motor delivers higher torque more efficiently.

ENERGY RATING







BEST OF BOTH WORLDS



RADIANT MODE

At the touch of a button, Nexura's aluminium front panel warms up just like a traditional radiator. The result is a comfortable feeling of warm air that envelopes you with a quieter heating experience.



PROGRAM DRY FUNCTION

Besides reducing humidity, this function automatically controls temperature and airflow rate and will cleverly switch into cooling mode if the room temperature rises too much.



ECONO MODE

This mode limits the maximum power consumed by the system preventing the tripping of your circuit breaker should you have other household appliances operating simultaneously with your heat pump.



SUPERIOR HEATING

As stylish as it is, Nexura is also powerful. It is able to reach your desired temperature rapidly by operating the unit in 'powerful' heating mode which circulates warm air throughout your room effectively.



HOT START

Prior to heating, the indoor unit warms to a pre-set temperature before the fan switches on, ensuring only warm air is discharged and eliminating cold draughts.



AIR PURIFICATION

Each model is fitted with a titanium apatite deodorising air purification filter that traps microscopic particles, decomposes odours and even deactivates bacteria.

TECHNOLOGY

1. RADIANT PANEL

Aluminium panel connected to a sub heat exchanger enables radiant heating with panel surface temperatures of up to 55°C.

2. ADVANCED FILTRATION

Features the combination of a particulate prefilter for collecting dust particles and a titanium apatite deodorising air purification filter.

3. CROSS FLOW FAN

Large diameter rotor with aerofoil blade design delivers larger volumes of air more quietly than ever before.

4. DC FAN MOTOR

Daikin's DC Fan motor is efficient and compact, featuring five step fan speeds including quiet and auto mode.

ENERGY RATING

CLASS		25	35	50
STAR RATING	COOL	****	***	**
3 IAN NATINU	HEAT	****	***	***

<u>Note:</u> Please see features checklist on page 30 for full list of features

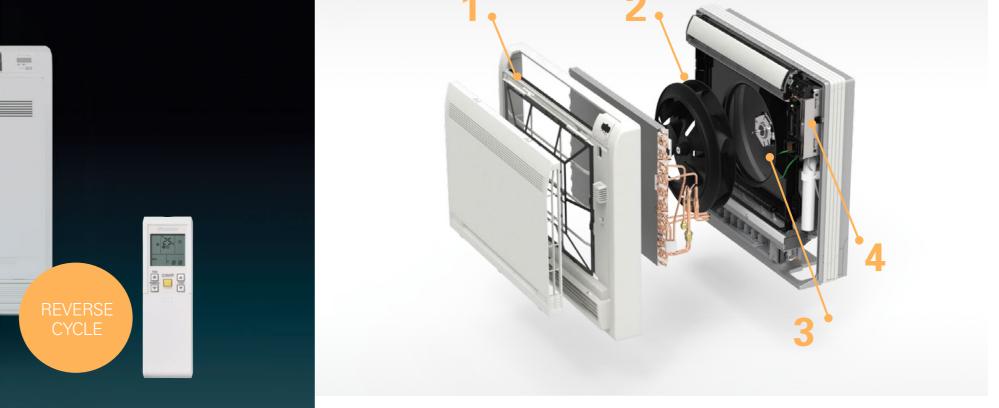
The more energy efficient. The Star Rating Index is determined under conditions of AS/NZS 3823.1.1

Compact floor standing unit with a wide selection of capacities, ideal for placement under a window sill or semi-recessed into a unused fireplace.



MODELS





FLOOR STANDING

COMPACT & CONVENIENT



DUAL DISCHARGE VENTS

You can select to use either top, or top and bottom discharge vents to distribute air evenly through the room for better heating comfort.



ECONO MODE

This mode limits the maximum power consumed by the system preventing the tripping of your circuit breaker should you have other household appliances operating simultaneously with your heat pump.



WIDE OPERATING RANGE

Daikin's floor standing units are robust in design and feature an intelligent defrost system. So even when the mercury drops as low as -10°C, your home still stays comfortable in winter.



STANDBY POWER FUNCTION

When the system is not in use, power supply to the outdoor unit is turned off and the indoor unit switches to standby mode.



HOT START

Prior to heating, the indoor unit warms to a pre-set temperature before the fan switches on, ensuring only warm air is discharged and eliminating cold draughts.



AIR PURIFICATION

Each model is fitted with a titanium apatite deodorising air purification filter that traps microscopic particles, decomposes odours and even deactivates bacteria.

TECHNOLOGY

1. ADVANCED FILTRATION

Features the combination of a particulate prefilter for collecting dust particles and a titanium apatite deodorising air purification filter.

2.TURBO FAN

The large swept blades enable air to be discharged quietly and efficiently via both the top and bottom discharge vents for even airflow into the room.

3. DC FAN MOTOR

Daikin's DC Fan motor is efficient and compact, featuring five step fan speeds including quiet and auto mode.

4. PROGRAM DRY FUNCTION

When operating in this mode, the microprocessor intelligently adjusts temperature and airflow rate to reduce humidity with minimal compromise to comfort.

ENERGY RATING

CLASS	25	35	45	50	60	71
STAR RATING	****					**
ENERGY STAR CO	✓			✓		

Note: Please see features checklist on page 30 for full list of features The more stars, the more energy efficient. The Star Rating Index is determined under conditions of AS/NZS 3823.1.1 If you're after multi room air conditioning, Daikin's Super Multi NX is the clever choice. It takes only one Super Multi NX outdoor unit to maintain comfort in up to five rooms.



MODELS



MAKE EVERY ROOM A COMFORT ZONE



DESIGN FLEXIBILITY

Daikin's multi room heat pumps use a single outdoor unit connected to multiple indoor units, thus reducing the outdoor space required and simplifying the installation.



CONVENIENT CONTROL

For convenient controls, both our wired and wireless controllers enable individual control of settings such as temperature, airflow volume and scheduled operations.



TRULY VERSATILE

As many as 5 indoor units can be connected to a single outdoor unit combined with a broad selection of indoor units ranging from wall mounted, floor standing, bulkhead, cassettes and ceiling suspended units.



PRIORITY ROOM SETTING

The feature allows you to shift capacity from the other rooms to your priority room when required for rapid cooling or heating of that space.



INDIVIDUAL COMFORT

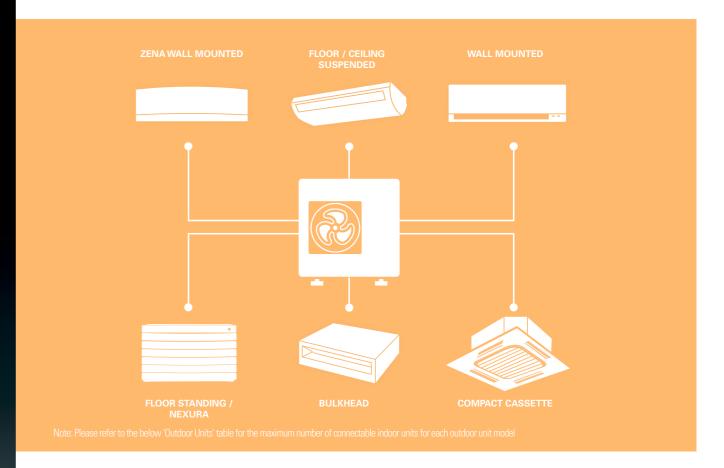
Each indoor unit can be individually controlled, scheduled and set to the desired room temperature ensuring optimal comfort for all occupants in the household at anytime.*



INTELLIGENT COMFORT

Wall mounted indoor units feature Daikin's Intelligent Eye human sensor that ensures draught free comfort and automatically enables energy saving operations when the room is unoccupied.

INDOOR UNIT TYPES



INDOOR AND OUTDOOR **UNIT RANGE**

FLXS-B(G)VMA

Floor/Ceiling

Suspended Dual

		INDOOR UNITS							OUTDOOR UNITS					
TVDF	CYCLE	MODEL	CAPACITY CLASS						MAXIMUM CONNECTABLE	CYCLE	MODEL	HEATING CAPACITY		
TYPE	CYCLE	MODEL						71	INDOOR UNITS	CTOLE	WODEL	(KW)		
Wall Mounted		FTXS-K(A)VMA	✓	✓	✓	\checkmark	√	√	Up to 3 Indoor		3MXS52LVMA9	6.5		
Wall Mounted -		CTXG-PVMAW (White)	x	√	✓	√	×	x	Units	Reverse Cycle	3MXS68LVMA9	8.4		
Zena		CTXG-PVMAS (Silver)	x	√	✓	√	x	x	Up to 4 Indoor		4MXS80LVMA9	9.28		
Floor Standing		FVXS-KV1A	x	√	✓	√	x	x	Units					
Floor Standing - Nexura		FVXG-K2V1B	x	√	√	√	×	x	Up to 5 Indoor Units		5MXS100LVMA9	11.0		
Compact Cassette	Reverse Cycle	FFQ-BV1B9	x	√	√	√	√	x						
Bulkhead - 900/1,100mm Width		FDXS-CVMA	x	√	√	√	√	x						
Bulkhead Compact -		CDXS-EAVMA	x	√	√	x	x	x						

The ultimate multi room air conditioning system with a wide selection of indoor and outdoor units to suit a variety of room sizes and designs for medium to large size homes.

10.0kW 26.0kW HEATING CAPACITY RANGE

6 MODELS



BRINGING INNOVATION TO YOUR HOME



ADVANCETECHNOLOGY

VRV IV-S incorporates the latest technology from our VRV commercial heat pumps including remarkable energy efficiency, quiet operations and long piping runs of up to 100m* for flexible condenser placement.



COMPACT FOOTPRINT

Available in a range of heating capacities from 10.0kW up to 26.0kW whilst maintaining a compact installation footprint. This allows you to place the outdoor unit out of sight without compromise to your home's external decor.



ULTIMATE VERSATILITY

As many as 14 indoor units can be connected to a single outdoor unit combined with a wide selection of indoor units ranging from wall mounted, floor standing, bulkhead, ducted, cassettes and ceiling suspended units.



INDIVIDUAL COMFORT

Each indoor unit can be individually controlled, scheduled and set to the desired room temperature ensuring optimal comfort for all occupants in the household at anytime.**

VRV IV



WHISPER QUIET

VRV IV-S is not just compact in size but also quiet in operations, featuring a night time quiet mode that reduces the outdoor unit noise level down to 43dBA (RXYMQ4AV4A Model) for minimal impact to the neighbours.



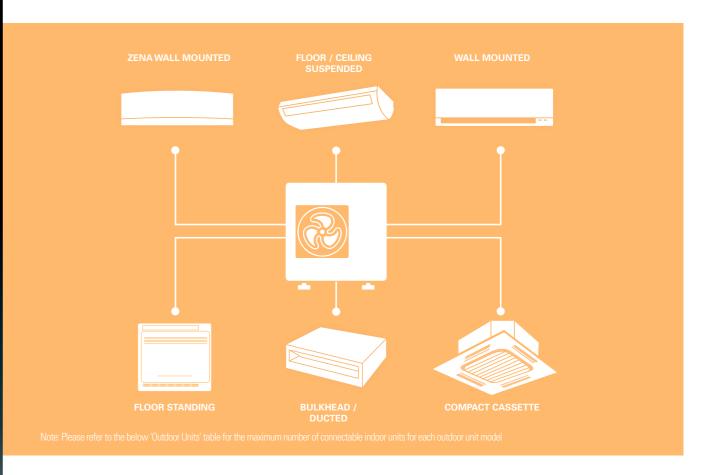
INTELLIGENT COMFORT

Wall mounted indoor units feature Daikin's Intelligent Eye human sensor that ensures draught free comfort and automatically enables energy saving operations when the room is unoccupied.

*Applies to RXYMQ6AV4A, RXYMQ8AY1 and RXYMQ9AY1 models only

**User can select the unit to operate in either cooling or heating mode, not both cooling and heating simultaneously Please see VRV IV-S brochure for full details and specifications

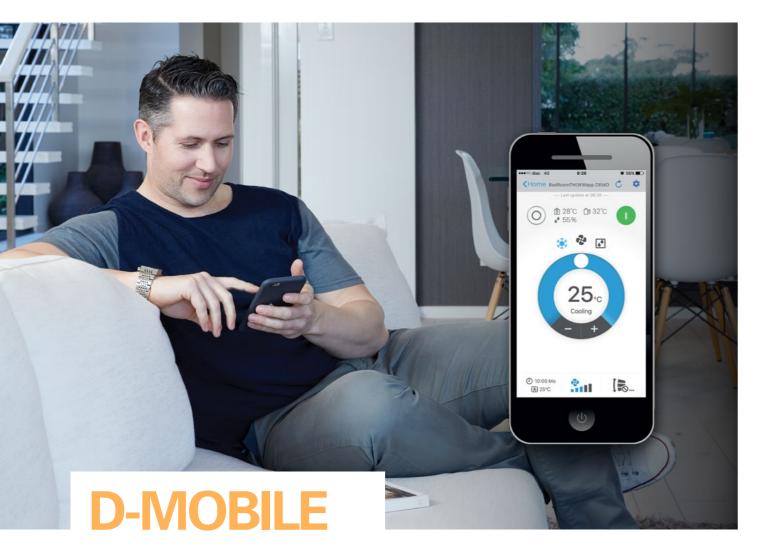
INDOOR UNIT TYPES



INDOOR AND OUTDOOR UNIT RANGE

			IN	DOOF	UNI	TS												
	MODEL	CAPACITY CLASS																
ТҮРЕ	WODEL	20	25	32	35				63	71			125	140	145	180	200	250
Wall Mounted	FTXS-K(A)VMA	✓	✓	×	✓	×	✓	✓	×	✓	×	×	×	×	×	×	×	x
Wall Mounted - Zena	CTXG-PVMAW (White)	×	✓	×	√	×	✓	×	x	×	×	×	×	×	×	×	×	×
	CTXG-PVMAS (Silver)	×	√	×	✓	×	√	×	×	×	×	×	×	×	×	×	×	×
Floor Standing	FVXS-KV1A	×	√	×	√	×	√	×	×	×	×	×	×	×	×	×	×	×
Compact Cassette	FFQ-BV1B9	×	✓	×	✓	×	✓	√	×	×	×	×	×	×	×	×	×	×
Bulkhead - 900/1,100mm Width	FDXS-CVMA	×	✓	×	√	×	✓	√	×	×	×	×	×	×	×	×	×	×
Bulkhead Compact - 700mm Width	CDXS-EAVMA	×	✓	×	✓	×	×	×	×	×	×	×	×	×	×	×	×	×
Floor/Ceiling Suspended Dual	FLXS-B(G)VMA	×	√	×	√	×	✓	✓	×	×	×	×	×	×	×	×	×	×
Ceiling Mounted Built-in	FXSQ-PVE	✓	√	√	×	√	✓	×	✓	×	✓	✓	✓	✓	×	×	×	×
Ceiling Concealed Ducted	FXDYQ-M(A)V1	×	×	x	x	x	x	×	x	x	√	√	✓	×	√	✓	✓	✓

OUTDOOR UNITS											
MAXIMUM CONNECTABLE INDOOR UNITS	MODEL	HEATING CAPACITY (KW)									
Up to 5 Indoor Units	RXYM03AV4A	10.0									
Up to 6 Indoor Units	RXYMQ4AV4A	12.5									
Up to 8 Indoor Units	RXYMQ5AV4A	14.0									
Up to 9 Indoor Units	RXYMQ6AV4A	18.0									
Up to 13 Indoor Units	RXYMQ8AY1	25.0									
Up to 14 Indoor Units	RXYMQ9AY1	26.0									



WI-FI CONTROL FOR YOUR DAIKIN WALL MOUNTED SPLIT

D-Mobile puts your heat pumps frequently used functions at your finger tip with an easy to use app. In conjunction with Daikin's BRP072A42 wireless LAN adaptor, the easy to use D-Mobile app lets you use your smartphone or tablet to operate your Daikin wall mounted air conditioning unit via Wi-Fi or the internet.

THREE WAYS TO CONNECT

1. DIRECT CONNECTION

For locations without a Wi-Fi network, the app can wirelessly connect directly to the a wireless LAN adaptor equipped heat pump, when in range.

2. WI-FI CONNECTION

A LAN equipped heat pump can easily be joined to a local Wi-Fi network. Once connected, the system can be controlled from any networked Android or iOS device.

3. INTERNET CONNECTION

Monitor and control your system from virtually anywhere, adjusting temperature and setting for a comfortable environment ready for when you arrive home. With no subscription costs from Daikin, all you need is a permanent internet connection for your Wi-Fi network, and an internet connection for your phone or tablet.

FEATURES

FUNCTION	ZENA	CORA	US7
Start/stop operation	✓	✓	√
Set operation mode: Auto/Cool/Heat/Fan/Dry	✓	✓	√
Set temperature operation	✓	✓	√
Set fan speed	✓	×	x
Set airflow direction	✓	×	x
Show room temperature	✓	✓	√
Show outdoor temperature	✓	✓	✓
Error notification	✓	✓	✓
Set weekly schedule: - Start/stop operation - Select operation mode - Set temperature Maximum 4 actions per day	✓	✓	✓
Child lock	✓	×	X
Password setting	✓	✓	✓

The D-Mobile app is available for download, free from the Apple App Store or Google Play.

To download the D-Mobile app, search 'Daikin Mobile Controller' in the Apple App Store or Google Play. It will appear as D-Mobile app once downloaded.



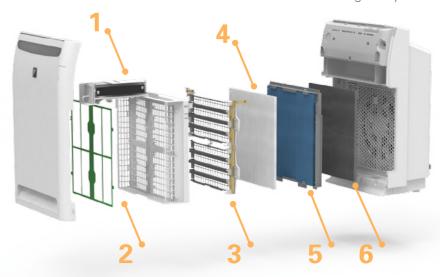
CLEANER, FRESHER, HEALTHIER AIR

Daikin's Air Purifier includes a 6-layer powerful decomposition and removal system to help eliminate bacteria, mould spores, airborne particles, allergens, dust mites, pollen and unpleasant odours.

It is also ultra quiet with operating sound levels of as low as 16dBA which means you can not only sleep soundly at night, but also with peace of mind.

6 LAYER FILTRATION SYSTEM

- 1. Streamer Discharge Unit
- 2. Prefilter
- 3. Plasma Ioniser
- 4. Electrostatic Filter
- 5. Titanium Apatite Deodorising Filter
- 6. Deodorising Catalyst Filter





PRODUCT SPECIFICATION

US7 - Reverse Cycle







INDOOR UNIT		FTXZ25NV1B	FTXZ35NV1B	FTXZ50NV1B					
OUTDOOR UNIT		RXZ25NV1B	RXZ35NV1B	RXZ50NV1B					
D + 10 - 2	Cool (kW)	2.5	3.5	5.0					
Rated Capacity	Heat (kW)	3.6	5.0	6.3					
o	Cool (kW)	0.6-3.9	0.6-5.3	0.6-5.8					
Capacity Range	Heat (kW)	0.6-7.5	0.6-9.0	0.6-9.4					
1 416 5 40	Cool (I/s)	177	203	250					
ndoor Airflow Rate (H)	Heat (I/s)	195	221	240					
ndoor Fan Speeds		5 steps, quiet and automatic							
	Cool	7	5.5	3.5					
Energy Label/Star Ratings	Heat	7	5.5	4.5					
Front Panel Colour			White						
Power Supply			1 phase, 220-240V, 50Hz						
2 1 (12 (1)	Cool (kW)	0.42	0.68	1.18					
Power Input (Rated)	Heat (kW)	0.62	0.99	1.37					
E.E.R/C.O.P	Cool/Heat	5.95/5.81	5.15/5.05	4.24/4.60					
A.E.E.R/A.C.O.P	Cool/Heat	5.90/5.77	5.12/5.03	4.23/4.59					
	Indoor (mm)		295x798x372						
Dimensions (HxWxD)	Outdoor (mm)	693x795x300							
	Indoor (kg)	15	15	15					
Veight	Outdoor (kg)	50	50	50					
Compressor Type			Hermetically sealed swing type						
Refrigerant Type			R32						
Max Pipe Length	(m)	10	10	10					
Max Level Difference	(m)	8	8	8					
n: 0:	Liquid (mm)	6.4	6.4	6.4					
ipe Sizes	Gas (mm)	9.5	9.5	9.5					
) (0	Cool (°CDB)		-10 to 43						
Outdoor Operating Range	Heat (°CWB)		-20 to 18						
-dCd1(11/CL)	Cool (dBA)	38/19	42/19	47/23					
ndoor Sound Level (H/SL)	Heat (dBA)	39/19	42/19	44/24					
) (0 11 1/1°)	Cool (dBA)	46	48	49					
Outdoor Sound Level (H)	Heat (dBA)	46	48	50					
2.1. 504.0 10 1.10	Cool (dBA)	59	61	63					
Outdoor EPA Sound Power Level (H)	Heat (dBA)	59	61	64					

Please refer to notes on page 30

PRODUCT SPECIFICATION

Zena - Reverse Cycle

PRODUCT SPECIFICATION

Cora - Reverse Cycle











WHITE FINISH

SILVER FINISH

INDOOR UNIT		FTXJ25PVMAW	FTXJ35PVMAW	FTXJ50PVMAW	FTXJ25PVMAS	FTXJ35PVMAS	FTXJ50PVMAS	
OUTDOOR UNIT		RXJ25PVMA	RXJ35PVMA	RXJ50PVMA	RXJ25PVMA	RXJ35PVMA	RXJ50PVMA	
	Cool (kW)	2.5	3.5	5.0	2.5	3.5	5.0	
Rated Capacity	Heat (kW)	3.2	4.0	5.8	3.2	4.0	5.8	
	Cool (kW)	0.9-3.3	0.9-4.1	1.4-5.5	0.9-3.3	0.9-4.1	1.4-5.5	
Capacity Range	Heat (kW)	0.9-4.7	0.9-5.1	1.1-7.0	0.9-4.7	MA RXJ35PVMA 3.5 4.0 3.0.9-4.1 7 0.9-5.1 177 198 ic 3.5 Silver 0.92 0.99 0.99 67 3.80/4.04 52 3.77/4.01 303x998x212 550x765x285 12 34 Type 20 15 6.4 9.5	1.1-7.0	
	Cool (I/s)	138	177	180	138	177	180	
Indoor Airflow Rate (H)	Heat (I/s)	173	198	207	173	3.5 4.0 0.9-4.1 0.9-5.1 177 198 3 3.5 Silver 0.92 0.99 3.80/4.04 3.77/4.01 303x998x212 5x285 12 34 20 15 6.4 9.5 45/20 48/45 48/45 60	207	
Indoor Fan Speeds				5 steps, quiet	and automatic			
	Cool	4.5	3	2	4.5	3	2	
Energy Label/Star Ratings	Heat	4.5	3.5	2.5	4.5	3.5	2.5	
Front Panel Colour			White			Silver		
Power Supply				1 phase, 22	0-240V, 50Hz			
	Cool (kW)	0.54	0.92	1.47	0.54	0.92	1.47	
Power Input (Rated)	Heat (kW)	0.7	0.99	1.59	0.7	0.99	1.59	
E.E.R/C.O.P	Cool/Heat	4.63/4.57	3.80/4.04	3.40/3.65	4.63/4.57	3.80/4.04	3.40/3.65	
A.E.E.R/A.C.O.P	Cool/Heat	4.56/4.52	3.77/4.01	3.38/3.63	4.56/4.52	3.77/4.01	3.38/3.63	
D	Indoor (mm)		303x998x212		303x998x212 300 550x765x285 735x825x30			
Dimensions (HxWxD)	Outdoor (mm)	550x7	65x285	735x825x300	550x765x285 735x825x30			
	Indoor (kg)	12	12	12	12	12	12	
Weight	Outdoor (kg)	34	34	47	34	34	47	
Compressor Type				Hermetically Se	aled Swing Type			
Refrigerant Type				R	32			
Max Pipe Length	(m)	20	20	30	20	20	30	
Max Level Difference	(m)	15	15	20	15	15	20	
D' O'	Liquid (mm)	6.4	6.4	6.4	6.4	6.4	6.4	
Pipe Sizes	Gas (mm)	9.5	9.5	12.7	9.5	9.5	12.7	
0.11 0	Cool (°CDB)			-101	to 46			
Outdoor Operating Range	Heat (°CWB)			-151	to 18			
	Cool (dBA)	38/19	45/20	46/32	38/19	45/20	46/32	
Indoor Sound Level (H/SL)	Heat (dBA)	41/19	45/20	47/32	41/19	45/20	47/32	
0.41 0 11 140	Cool (dBA)	46/43	48/45	48/45	46/43	48/45	48/45	
Outdoor Sound Level (H)	Heat (dBA)	47/44	48/45	48/45	47/44	48/45	48/45	
Outdoor EPA Sound Power	Cool (dBA)	58	60	60	58	60	60	
Level (H)	Heat (dBA)	59	60	60	59	60	60	











20-71 CLASS

85-95 CLASS

INDOOR UNIT		FTXM20RVMZ	FTXM25RVMZ	FTXM35RVMZ	35RVMZ FTXM46RVMZ FTXM50RVMZ FTXM60RVMZ FTXM71RVMZ FTXM85PVMA FTXM95PV		FTXM95PVMA			
OUTDOOR UNIT		RXM20RVMZ	RXM25RVMZ	RXM35RVMZ	RXM46RVMZ	RXM50RVMZ	RXM60RVMZ	RXM71RVMZ	RXM85PVMA	RXM95PVMA
D . 10 ':	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1	8.5	9.4
Rated Capacity	Heat (kW)	2.8	3.3	4.0	5.4	6.1	7.3	8.1	9.0	10.3
Cit - D	Cool (kW)	0.9-2.8	0.9-3.7	0.9-4.2	0.9-5.5	1.1-6.7	1.1-7.5	2.0-8.9	2.0-10.5	2.0-11.2
Capacity Range	Heat (kW)	0.9-4.4	0.9-5.4	0.9-5.5	1.0-6.7	1.0-8.5	1.0-9.8	2.0-10.8	1.9-11.6	1.9-12.0
Indoor Airflow	Cool (I/s)	152	167	175	203	267	310	310	358	372
Rate (H)	Heat (I/s)	157	168	183	202	287	333	328	422	413
Indoor Fan Speeds					5 steps	s, quiet and aut	omatic			
Energy Label/Star	Cool	5	5	3.5	3	4	3	2.5	2	2
Ratings	Heat	5	5	4.5	3	4.5	4	3.5	2.5	2
Front Panel Colour			White							
Power Supply					1 ph	ase, 220-240V, !	50Hz			
D (D-t)	Cool (kW)	0.40	0.49	0.81	1.20	1.14	1.52	1.93	2.49	2.79
Power Input (Rated)	Heat (kW)	0.58	0.68	0.87	1.41	1.34	1.70	1.98	2.42	3.07
E.E.R/C.O.P	Cool/Heat	5.00/4.83	5.10/4.85	4.32/4.60	3.83/3.83	4.39/4.55	3.95/4.29	3.68/4.09	3.41/3.72	3.37/3.36
A.E.E.R/A.C.O.P	Cool/Heat	4.82/4.77	4.95/4.81	4.20/4.56	3.79/3.80	4.33/4.52	3.91/4.27	3.53/4.00	3.31/3.62	3.27/3.28
Dimensions	Indoor (mm)		285x7	70x223			295x990x263		340x12	200x259
(HxWxD)	Outdoor (mm)	550x675x284				695x930x350			990x94	40x320
Weight	Indoor (kg)	9	9	9	9	13	13	13	17	18
vveignt	Outdoor (kg)	28	30	30	51	54	54	60	80	82
Compressor Type					Hermetic	ally Sealed Sw	ing Type			
Refrigerant Type						R32				
Max Pipe Length	(m)	20	20	20	30	30	30	30	30	30
Max Level Difference	(m)	15	15	15	20	20	20	20	20	20
Di Ci	Liquid (mm)	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Pipe Sizes	Gas (mm)	9.5	9.5	9.5	12.7	12.7	12.7	15.9	15.9	15.9
Outdoor Operating	Cool (°CDB)					-10 to 46				
Range	Heat (°CWB)					-15 to 18				
Indoor Sound	Cool (dBA)	38/19	40/19	42/19	44/26	45/28	48/29	49/30	51/37	53/38
Level (H/SL)	Heat (dBA)	39/20	40/20	42/20	43/26	45/28	48/29	49/30	51/35	52/35
Outdoor Sound	Cool (dBA)	46/43	47/43	49/44	47/44	47/44	49/45	53/49	54/51	54/51
Level (H)	Heat (dBA)	47/44	48/44	50/45	49/45	48/45	52/45	54/49	56/51	55/51
Outdoor EPA Sound	Cool (dBA)	58	59	61	59	59	61	65	66	66
Power Level (H)	Heat (dBA)	59	60	62	61	60	64	66	68	67

PRODUCT SPECIFICATION

Nexura - Reverse Cycle

PRODUCT SPECIFICATION

Floor Standing - Reverse Cycle







INDOOR UNIT		FVXG25K2V1B	FVXG35K2V1B	FVXG50K2V1B			
OUTDOOR UNIT		RXG25L2V1B	RXG35L2V1B	RXG50L2V1B			
Dated Canacity	Cool (kW)	2.5	3.5	4.8			
Rated Capacity	Heat (kW)	3.4	4.5	5.8			
Capacity Range	Cool (kW)	1.3-3.0	1.4-3.8	1.7-5.6			
	Heat (kW)	1.3-4.5	1.4-5.0	1.7-8.1			
Indoor Airflow Rate (H)	Cool (I/s)	148	151	176			
	Heat (I/s)	165	170	203			
Indoor Fan Speeds		5 steps, quiet and automatic					
Energy Label/Star Ratings	Cool	5	2.5	1.5			
	Heat	4	2.5	2.5			
Front Panel Colour		White					
Power Supply		1 phase, 220-240V, 50Hz					
Power Input (Rated)	Cool (kW)	0.54	0.94	1.43			
	Heat (kW)	0.76	1.21	1.57			
E.E.R/C.O.P	Cool/Heat	4.63/4.47	3.72/3.72	3.36/3.69			
A.E.E.R/A.C.O.P	Cool/Heat	4.57/4.43	3.69/3.70	3.22/3.57			
Dimensions (HxWxD)	Indoor (mm)	600x950x215					
	Outdoor (mm)	550x76	735x825x300				
Weight	Indoor (kg)	22	22	22			
	Outdoor (kg)	35	35	48			
Compressor Type		Hermetically sealed swing type					
Refrigerant Type		R410A					
Max Pipe Length	(m)	20	20	30			
Max Level Difference	(m)	15	15	20			
Pipe Sizes	Liquid (mm)	6.4	6.4	6.4			
	Gas (mm)	9.5	9.5	12.7			
Outdoor Operating Range	Cool (°CDB)	10 to 46					
	Heat (°CWB)	-15 to 18					
Indoor Sound Level (H/SL)	Cool (dBA)	38/23	39/24	44/32			
	Heat (dBA)	39/22	40/23	46/30			
Outdoor Sound Level (H)	Cool (dBA)	46/43	48/44	48/44			
	Heat (dBA)	47/44	48/45	48/45			
0.41 5040 10 10 100	Cool (dBA)	63	63	63			
Outdoor EPA Sound Power Level (H)	Heat (dBA)	63	63	63			







INDOOR UNIT		FVXS25RV1A	FVXS35RV1A	FVXS45RV1A	FVXS50RV1A	FVXS60LVMA	FVXS71LVMA	
OUTDOOR UNIT		RXS25RV1A	RXS35RV1A	RXS45RV1A	RXS50RV1A	RXS60LAVMA	RXS71LAVMA	
Rated Capacity	Cool (kW)	2.46	3.5	4.5	5.0	6.0	7.1	
	Heat (kW)	2.9	4.52	5.56	5.8	7.0	7.65	
Capacity Range	Cool (kW)	1.3-3.0	1.7-3.8	1.7-5.0	1.7-5.6	2.3-6.7	3.0-8.5	
	Heat (kW)	1.3-4.5	1.7-5.0	1.7-8.1	1.7-8.1	2.3-9.0	3.0-10.0	
Indoor Airflow Rate (H)	Cool (I/s)	137	147	178	260	292	273	
	Heat (I/s)	170	170	218	327	285	317	
Indoor Fan Speeds				5 steps, quiet	and automatic			
Energy Label/Star Ratings	Cool	3.5	3	2	3	2.5	2	
	Heat	4.5	3	3	3.5	2	2	
Front Panel Colour		White						
Power Supply		1 phase, 220-240V, 50Hz						
Power Input (Rated)	Cool (kW)	0.59	0.91	1.35	1.29	1.7	2.13	
	Heat (kW)	0.63	1.16	1.45	1.44	2.03	2.21	
E.E.R/C.O.P	Cool/Heat	4.17/4.60	3.85/3.90	3.33/3.83	3.88/4.03	3.53/3.45	3.33 / 3.46	
A.E.E.R/A.C.O.P	Cool/Heat	4.12/4.55	3.82/3.87	3.32/3.82	3.86/4.01	3.51/3.44	3.32/3.45	
Dimonejone (Hv\//vD)	Indoor (mm)	600x700x210 770x850x290						
Diffictions (TXVVXD)	Outdoor (mm)	550x765x285		735x825x300			990 x 940 x 320	
Weight	Indoor (kg)	14	14	14	25	25	25	
vveignit	Outdoor (kg)	34	46	46	46	71	80	
Compressor Type		Hermetically sealed swing type						
Refrigerant Type		R410A						
Max Pipe Length	(m)	20	30	30	30	30	30	
Max Level Difference	(m)	15	20	20	20	20	20	
Pipe Sizes	Liquid (mm)	6.4	6.4	6.4	6.4	6.4	9.5	
	Gas (mm)	9.5	12.7	12.7	12.7	12.7	15.9	
Outdoor Operating Pange	Cool (°CDB)	10 to 46						
Outdoor Operating name	Heat (°CWB)	-15 to 18						
	Cool (dBA)	38/23	39/24	44/32	45/32	47/33	46/33	
Indoor Sound Level (H/SL)	Heat (dBA)	41/23	41/24	48/32	49/32	45/33	47/34	
	Cool (dBA)	46/43	47/44	47/44	47/44	49/46	52/49	
Outdoor Sound Level (H)	Heat (dBA)	50/44	50/45	51/45	51/45	49/46	54/50	
	Cool (dBA)	58	59	59	59	63	66	
Outdoor EPA Sound Power Level (H)	Heat (dBA)	62	62	63	63	63	66	
Power Supply Power Input (Rated) E.E.R/C.O.P A.E.E.R/A.C.O.P Dimensions (HxWxD) Weight Compressor Type Refrigerant Type Max Pipe Length Max Level Difference	Cool (kW) Heat (kW) Cool/Heat Cool/Heat Indoor (mm) Outdoor (kg) Outdoor (kg) (m) (m) Liquid (mm) Gas (mm) Cool (°CDB) Heat (°CWB) Cool (dBA) Heat (dBA) Cool (dBA)	0.59 0.63 4.17/4.60 4.12/4.55 550x765x285 14 34 20 15 6.4 9.5 38/23 41/23 46/43 50/44 58	0.91 1.16 3.85/3.90 3.82/3.87 600x700x210 14 46 30 20 6.4 12.7 39/24 41/24 47/44 50/45 59	1.35 1.45 3.33/3.83 3.32/3.82 735x825x300 14 46 Hermetically se R4 30 20 6.4 12.7 10t -151 44/32 48/32 47/44 51/45 59	1.29 1.44 3.88/4.03 3.86/4.01 25 46 aled swing type 10A 30 20 6.4 12.7 0 46 to 18 45/32 49/32 47/44 51/45 59	1.7 2.03 3.53/3.45 3.51/3.44 770x850x290 770x900x320 25 71 30 20 6.4 12.7 47/33 45/33 49/46 49/46 63	2.13 2.21 3.33/3.46 3.32/3.45 990 x 940 x 3 25 80 20 9.5 15.9 46/33 47/34 52/49 54/50 66	

FEATURES CHECKLIST

		WALL MO	FLOOR STANDING UNIT				
				RA			
	US7	ZENA	Q-SERIES	P-SERIES	NEXURA	FLOOR STANDING	
DC Inverter	✓	✓	✓	✓	✓	✓	
PAM Control	\checkmark	✓	\checkmark	✓	✓	✓	
Standby Power Function	\checkmark	✓	✓	✓	✓	✓	
Power-Airflow Flaps			√1				
Power-Airflow Dual Flaps	\checkmark	✓	✓	✓			
Wider Angle Louvres	✓	✓	✓	✓	✓	✓	
Vertical Auto-Swing (up and down)	✓	✓	✓	✓	✓	✓	
Horizontal Auto-Swing (right and left)	✓	✓	✓	✓			
3-D Airflow	✓	✓	✓	✓			
Circulation Airflow	✓						
Breeze Airflow	✓						
Comfortable Airflow	✓	✓	✓	√			
Indoor Unit Quiet Operation	✓	✓	✓	✓	✓	✓	
Outdoor Unit Quiet Operation	✓	✓	✓	√	✓	✓	
Intelligent Eye			√2	✓			
2-Area Intelligent Eye	✓	√					
New 2-Area Intelligent Eye			√1				
Automatic Operation	√	√	√	✓	✓	✓	
Program Dry Function		✓	√	✓	✓	✓	
Auto Fan Speed	√	✓	√	✓	✓	✓	
Hot Start	√	✓	√	✓	✓	✓	
Titanium Apatite Deodorising Filter		√	✓	√	✓	√	
Air-Purifying Filter	✓	✓	✓	✓	✓	✓	
Wipe Clean	√	√	√	√	✓	√	
Econo Mode	✓	✓	✓	✓	✓	✓	
Radiant Mode					✓		
Powerful Operation	√	✓	✓	✓	✓	√	
LCD Wireless Remote Control	✓ ·		√ ·		√	✓	
Indoor Unit On/Off Timer	✓	✓	✓	✓	✓	✓	
24-Hour On/Off Switch			· · · · · · · · · · · · · · · · · · ·				
Countdown Off Timer	✓						
Quick Heating Timer							
Weekly Timer		√	✓	✓	✓	✓	
Nightset Mode	√	·	·	·	·	·	
Auto-Restart after Power Failure	·	·	· ✓	·	·	·	
Self Diagnosis with Digital Display	· ✓	·	·	·	· · · · · · · · · · · · · · · · · · ·	·	
Anticorrosion Treatment of Outdoor Heat Exchanger Fun	√	√	√	√	√	√	
Demand Enabled Response (DRED)		✓	√3	✓			
Wireless LAN Connection	√3	✓	√4	√3			
Multi Colour Monitor Lamp		✓					
0.5°C Step Room Temperature Control			✓				

- 1 Only available for 2.0-4.6 kW Class
- 2 Only available for 5.0-7.1 kW Class
- 3 Optional Accessory
- 4 Optional Accessory, Remote Control PCB also required (KRP067A41 for 20-46 Class, KRP980B2 for 50-71 Class)

Notes:

- The Rated Capacity, Power Input and Running Current are determined under conditions T1 (cooling) or H1 (heating) of AS/NZS 3823.1.1.
 - Cooling: Indoor temp: 27°CDB/19°CWB
 Outdoor temp: 35°CDB/24°CWB
 Heating: Indoor temp: 20°CDB/15°CWB
 Outdoor temp: 7°CDB/6°CWB
- The cooling (or heating) output capacity will be reduced below the rated value as the outdoor temperature approaches the maximum (or minimum) outdoor temperature operating range limit.
- iii. Indoor and outdoor unit sound levels are determined in an anechoic chamber at a distance of 1 metre from the front of the unit. They are normally higher during actual operation due to ambient conditions.
- iv. Inverter heat pumps do not have a current surge during start up. The compressor start current of an inverter heat pump is typically lower than specified running current.
- The specifications, designs and information in this brochure are subject to change without notice. Unit colours shown are as close as possible to actual unit colours. Colours depicted in this brochure may vary slighty.





Commercial Air Conditioning and Refrigeration Manufacturing Div (ISO 9001) JMI0107 December 28, 1992 (Kanaoka Factory and Rinkai Factory at Sakai Plant)

(ISO 9001) JQA-0495 May 16, 1994 (Yodogawa Plant and Kanaoka Factory and Kishiwada Factory)



DEALER

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