



HEAT PUMPS FROM DAIKIN

Energy efficient heating and cooling solutions for your home



Year round comfort *for your family*

Heat pumps do much more than heat and cool the space you live and work in. Daikin heat pumps allow you to obtain an ideal temperature in your home, providing your family comfort all year round. A Daikin Specialist Dealer is your expert when it comes to providing the comfort of quiet, energy efficient air conditioning. With over 450 Daikin Specialist Dealers across Australia and New Zealand, there's sure to be one near you.

Making the Right Choice: *Heat Pumps.*

Every house is unique and so is how you use each room. So, naturally you want a heat pump that suits your home and family. Whether you are air conditioning a small or large area, building a new home or renovating, there's a Daikin heat pump to suit your needs. Choosing the right unit, and having it installed correctly by your Daikin Specialist Dealer, can provide quiet, energy efficient comfort for your home.



WALL MOUNTED HEAT PUMPS

Daikin's wall mounted heat pumps are a natural choice for those wanting the comfort of a unit that blends with its surroundings. The design of the unit also allows for easy cleaning – the smooth surfaces can be simply wiped clean. Daikin's air purifying filters and innovative airflow systems enable fresh, clean air to flow to every corner of the room.



FLOOR STANDING HEAT PUMPS

Daikin's floor standing heat pumps are compact and ideal for anyone wanting the convenience and access of positioning their unit closer to the floor. They can even be semi-recessed into the wall or in an unused fireplace. The units use either top, or top and bottom discharge vents to distribute air evenly through the room.

WITH DAIKIN



DID YOU KNOW... DAIKIN HEAT PUMPS ARE EXCLUSIVELY APPROVED BY THE ASTHMA FOUNDATION'S SENSITIVE CHOICE PROGRAM TO CARRY THE BUTTERFLY SYMBOL?

Heat Pumps,

YOU'RE MAKING A

Sensitive Choice.



SENSITIVE CHOICE

When the Asthma Foundation introduced the new Sensitive Choice program to help identify products that are better suited for people who suffer from asthma and allergies, they chose Daikin as the only split system heat pump authorised to display the Sensitive Choice butterfly symbol.

DOUBLE ACTION

All Daikin heat pumps have been fitted with an air-purifying filter. Most of these heat pumps are fitted with a more advanced Titanium Apatite Photocatalytic Air-Purifying filter. These filters not only trap most microscopic airborne particles, but also assist to decompose odours, absorb and deactivate bacteria and viruses.

ADVANCED FILTERS

Daikin Split System heat pumps have advanced air-purifying filters that may help to reduce some of the triggers that affect asthma and allergy sufferers and help to provide a cleaner and healthier indoor environment.

Daikin Air Purifiers *A Sensitive, Smart Choice*



Daikin Air Purifiers produce air that is both cleaner and fresher. The technology of a negative ion generator aids the removal of pollutants, dust particles and other airborne matter from the air in your home. Daikin's Air Purifier's enhanced performance is due to an advanced seven layer filtering system. Approved by the Asthma Foundation, Daikin Air Purifiers are authorised to display the Sensitive Choice butterfly symbol.

Air Purifier Filters:

1. Prefilter
2. Bio-antibody filter
3. Plasma ioniser
4. Flash streamer unit
5. Electrostatic dust collection filter
6. Titanium apatite photo-catalytic filter
7. Streamer deodorising catalyst





Controllers

Backlit Wireless Remote Controller

This remote controller with a backlit liquid crystal display and luminescent control button, also features a built-in weekly time clock that can be programmed on or off to suit your personal lifestyle with up to four actions per day of the week.

This advanced controller not only allows you to program on/off time, but also the desired temperature. Furthermore, the copy function enables any daily program to be replicated on any other day or days as required.

Applicable to FVXS, FTXS and FTKS ranges.



LCD Wireless Remote Controller

This remote controller puts superior comfort at your fingertips. Frequently used buttons are instantly accessible while other buttons are under the cover of the remote. A large liquid crystal display panel makes it easy to read the settings and the on/off button has a raised dot so that you can feel it in the dark.

Applicable to FTYN and FTN ranges.

Ururu Sarara Remote Controller

The Ururu Sarara comes with a user-friendly remote control that clearly and legibly displays the various functions including room humidity level and temperature setting.

Applicable to FTXR range.



TECHNOLOGY

THAT DELIVERS **comfort** AND **energy efficiency** FOR YOUR HOME



DAIKIN'S INVERTER DIFFERENCE

Daikin inverter heat pumps are more powerful and more energy efficient than conventional, non-inverter models. Conventional heat pumps operate at a fixed speed, delivering a fixed amount of cooling and heating. A Daikin inverter has advanced technology that operates more intelligently. The principle is simple: inverters adjust the power to suit your actual requirements – no more, no less.

The inverter continuously adjusts its cooling and heating output in accordance with the temperature in the room. When the desired temperature is reached, inverter technology ensures it is constantly maintained – keeping you comfortable at the same time as running more efficiently.

HYBRID AND NON-INVERTER EXPLAINED

Daikin's Hybrid Split System combines technologies from both the inverter and traditional non inverter systems. Like a non inverter, the Hybrid Split System operates at its rated capacity and as the room temperature reaches the desired level, the system uses the intelligence of inverter technology to steadily maintain your desired temperature setting.

WORKING QUIETLY

Comfort is not only enjoying the desired temperature in a room or space, it is also a quiet, peaceful environment. Daikin's swing compressor reduces friction for smoother and quieter operation.

DAIKIN'S RANGE OF ENERGY STAR HEAT PUMPS

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

Daikin air conditioning 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.

The full list of qualified products can be found at www.energywise.govt.nz/energy-star

ENERGY RATING LABELS – THE MORE STARS THE MORE ENERGY EFFICIENT

Heat pumps sold in New Zealand are required to display an energy rating label. The more stars on the label, the more energy efficient the heat pump is.

For more information visit www.energywise.govt.nz



Features and Benefits*

SUPERIOR COMFORT

Program Dry Function. The system rids the room of humidity while maintaining the temperature as much as possible. It automatically controls temperature and airflow rate and will switch into cooling mode if the room temperature increases too much.

Indoor Unit Quiet Operation Function. Sound levels are reduced by 2-3 decibels (dB) from the low fan speed for quieter heating and cooling.**

Outdoor Unit Quiet Operation Function. Outdoor unit sound levels can be reduced by 3dB for times when quieter operation is needed.**

Intelligent Eye. This is an infrared motion sensor with the ability to sense movement in the room. When you are in the room, the heat pump operates normally. If you leave the room for more than 20 minutes the heat pump automatically changes to an energy-efficient operation.

Automatic Operation (reverse cycle only). For year-round comfort, this function allows the unit to automatically switch between heating and cooling modes as required.

Auto Fan Speed. To reduce operating noise, the fan speed is automatically controlled by the micro-processor to suit the thermostat setting and prevailing room temperature.

COMFORTABLE AIRFLOW

Comfortable Mode. The new flap changes the delivery angle to horizontal for cooling and vertical for heating operation, to prevent cold or warm air from blowing directly onto your body.

3-D Airflow. Combines vertical and horizontal auto-swing to circulate cool/warm air to the corners of large spaces.

HEALTHY AND CLEAN

Air-Purifying Filter. Traps most microscopic particles and decomposes odours to purify the air in your room.

ECONOMICAL

Econo Mode. Controls the upper limit of frequency, reducing power consumption. This reduces the load on the electrical circuit when multiple electrical devices are used simultaneously.**

Night Set Mode. Through the use of the 'Timer-OFF Circuit', the preset room temperature gently rises in cooling or falls in heating before the unit stops. This energy efficient feature allows you to sleep comfortably without feeling a sudden change in the room temperature.

Inverter Powerful Operation. Pushing the POWERFUL button on the remote control gives you a boost in cooling and heating power for a 20-minute period, even if the unit is already operating at high capacity.

Standby Power Function. When the heat pump is not in use, the standby power function turns off power supply to the outdoor unit and sets the indoor unit into standby electricity saving mode, reducing energy consumption.

CONVENIENT

24-Hour On/Off Timer. The timer can be preset to start and stop the heat pump at any time within a 24-hour period. Once the times are set, the heat pump can be operated for a period by simply pressing the ON or OFF timer buttons.

Weekly Timer. This function makes it easy to enter up to four settings per day for each day of the week. It not only allows you to program on and off time, but also the desired temperature.

EASY TO OPERATE

Self-Diagnosis. In the event that a problem develops with the unit, malfunction codes can be displayed on the liquid crystal panel of the remote control for fast and easy fault diagnosis.

Auto-Restart. The unit memorises the operation mode, airflow and temperature settings. Should there be a power failure when the unit is in operation, it will automatically return to the same operating conditions when the power is restored.

PROTECTION








Anti-Corrosion. The special anti-corrosion coating on the outdoor unit heat exchanger ensures greater resistance to salt damage and atmospheric corrosion. Protection of the entire outdoor unit is available at an additional cost.

OPTIONS

Centralised Control. Centralised control of up to five systems is possible using a central control panel and an optional wiring adaptor.

External ON/OFF Control. Control of the system by an external field-supplied time clock is possible with an optional wiring adaptor PCB.

FEATURES CHECKLIST

	FLOOR STANDING UNIT		WALL MOUNTED UNIT		
	INVERTER		INVERTER		HYBRID
Reverse Cycle (heating & cooling)	FVXS25K FVXS35K FVXS50K	FVXS60H FVXS71H	FTXR28K FTXR42K FTXR50K	FTXS20K FTXS25K FTXS35K FTXS46K FTXS50KA FTXS60KA FTXS71KA FTXS80KA FTXS90KA FTXS100KA	FTYN25K FTYN35KA
	✓	✓	✓	✓	✓
 Standby Power Function	✓			✓	✓
 Power-Airflow Dual Flaps			✓	✓	✓
 Wide-Angle Louvres	✓	✓	✓	✓	✓
 Vertical Auto-Swing (up and down)	✓	✓	✓	✓	✓
 Horizontal Auto-Swing (left and right)			✓	✓	✓
 3-D Airflow			✓	✓	✓
 Comfortable Mode			✓	✓	✓
 Indoor Unit Quiet Operation	✓	✓	✓	✓	✓
 Outdoor Unit Quiet Operation	✓	✓		✓	
 Intelligent Eye				✓	✓
 Automatic Operation	✓	✓	✓	✓	✓
 Program Dry Function	✓	✓		✓	✓
 Auto Fan Speed	✓	✓	✓	✓	✓
 Hot Start	✓	✓	✓	✓	✓
 Titanium Apatite Photocatalytic Air-Purifying Filter	✓	✓	✓	✓	✓
 Air-Purifying Filter	✓	✓	✓	✓	✓
 Wipe Clean	✓	✓	✓	✓	✓
 Econo Mode	✓	✓		✓	
 Powerful Operation (Inverter & Non Inverter)	✓	✓	✓	✓	✓
 LCD Wireless Remote Control	✓	✓	✓	✓	✓
 Indoor Unit On/Off Switch	✓	✓	✓	✓	✓
 24-Hour On/Off Timer	✓	✓	✓	✓	✓
 Weekly On/Off Timer	✓	✓		✓	
 Night Set Mode	✓	✓	✓	✓	✓
 Auto-Restart after Power Failure	✓	✓	✓	✓	✓
 Self-Diagnosis with Digital Display	✓	✓	✓	✓	✓
 Anticorrosion Treatment of Outdoor Heat Exchanger Fin	✓	✓	✓	✓	✓

* Not all features available on all models. Please refer to checklist on page 5
** Reducing noise will reduce capacity slightly.

URURU SARARA



The heat pump that cools, heats, humidifies, dehumidifies, purifies and ventilates.

Modern heat pumps not only cool, but heat the air as well. You can adjust the temperature in your home all year round with one system. There is more than just pleasant temperature needed to enjoy a comfortable indoor climate. Precise adjustment of both the humidity level and ventilation in a room is also important, however this has not been possible with conventional heat pumps.

Until now...

Daikin's new Ururu Sarara split system heat pump can humidify and dehumidify, ventilate and purify the indoor air - all at the same time. The ideal solution for ideal living comfort in all seasons. Perfect, just the way you like it.

The Ururu Sarara is not your average heat pump. This system controls the temperature and ventilation as well as humidity levels.

HUMIDIFICATION

Homogeneous indoor air quality

Humidification (called 'Ururu' in Japanese) is created by absorbing moisture from the outdoor air. The humidified outdoor air streams into the indoor unit and is evenly distributed throughout the indoor areas. Apart from enhancing the feeling of warmth, extra humidity reduces the feeling of dry skin.

DEHUMIDIFICATION

Without a drop in temperature

During summer, a high degree of ambient air humidity, even at moderate temperature's can make a room feel hot and stuffy. The Sarara dehumidification system reduces indoor humidity, without affecting the room temperature, by mixing cool, dry air with warm air. This will particularly benefit people sensitive to the cold.

VENTILATION

Fresh air, even with closed windows

Unlike a conventional heat pump, the Ururu Sarara brings fresh air into the room. The Ururu Sarara is the first residential air conditioning system in Australia and New Zealand that can fill a room of 26 m² with fresh air in less than two hours. Furthermore, the temperature of the incoming air is brought to the desired level. The air supply fan is located in the outdoor unit, which minimises indoor noise.

AIR PURIFICATION

Non-stop purified air

The Ururu Sarara purifies the incoming air in two stages: first in the outdoor unit, and then in the indoor unit. Exhaust gases and unpleasant odours are broken down and removed by the outdoor unit before the air streams into the indoor unit. Air is then further purified in the indoor unit through dust and pollen filtration. The photocatalytic air purification filter helps to break down odours such as cigarette smoke and cooking smells. Finally, the Flash Streamer gives the air its last treatment, helping to break down formaldehyde and moulds.

IMPROVED INDOOR ENVIRONMENT

The 'hydration' mode combines a high and controlled relative humidity level together with a comfortable air flow. Thanks to the 'cooling breeze' airflow, your room will feel cool, even with a relatively high temperature setting. By oscillating the direction of the airflow, it creates the feeling of a pleasantly cool breeze. The 'comfort sleep' mode adapts the temperature fluctuations to those that the body experiences at night.

ENERGY EFFICIENT

Daikin's inverter technology adjusts the power used to suit the actual requirement, providing both comfort and energy efficiency. The system continually adjusts its cooling and heating output to suit the temperature in the room. The inverter shortens the system start-up time, enabling the required room temperature to be reached more quickly. As soon as the desired temperature is reached, the inverter ensures that it is constantly maintained.



WALL MOUNTED INVERTER

Reverse Cycle

INDOOR UNIT		FTXR28KVMA	FTXR42KVMA	FTXR50KVMA
OUTDOOR UNIT		RXR28KVMA	RXR42KVMA	RXR50KVMA
Rated Capacity	Cool (kW)	2.8	4.2	4.9
	Heat (kW)	3.6	5.1	5.9
Capacity Range	Cool (kW)	1.55-3.60	1.55-4.60	1.55-5.50
	Heat (kW)	1.3-5.00	1.3-5.60	1.3-6.20
Indoor Airflow Rate (Hi)	Cool (l/s)	185	206	222
	Heat (l/s)	206	215	233
Indoor Fan Speeds		5 steps, quiet and automatic		
Energy Label/ Star Ratings	Cool	4	2.5	1.5
	Heat	4.5	3.5	3
Front Panel Colour		White	White	White
Power Supply		1 phase, 220-240 50Hz		
Power Input (Rated)	Cool (kW)	0.57	1.07	1.47
	Heat (kW)	0.71	1.17	1.49
E.E.R./C.O.P.	Cool/Heat	4.86/5.03	3.93/4.34	3.32/3.97
Dimensions (HxWxD)	Indoor (mm)	305 x 890 x 209	305 x 890 x 209	305 x 890 x 209
	Outdoor (mm)	693 x 795 x 285	693 x 795 x 285	693 x 795 x 285
Weight	Indoor (kg)	14	14	14
	Outdoor (kg)	48	48	48
Compressor Type		Hermetically sealed swing type		
Refrigerant Type		R410A	R410A	R410A
Max Pipe Length	(m)	10	10	10
Max Level Difference	(m)	8	8	8
Pipe Sizes	Liquid (mm)	6.4	6.4	6.4
	Gas (mm)	9.5	9.5	9.5
	Drain (OD mm)	18	18	18
Outdoor Operating Range (outdoor temp)	Cool (CDB)	10 to 43	10 to 43	10 to 43
	Heat (CWB)	-20 to 18	-20 to 18	-20 to 18
Indoor Sound Level (H/M/L/SL)	Cool (dBA)	39/26	42/27	44/29
	Heat (dBA)	41/28	42/29	44/31
Outdoor Sound Level (H/L)	Cool (dBA)	46	48	48
	Heat (dBA)	46	48	50
EPA Sound Power Level	Outdoor (dBA)	60	62	62

NOTES:

1. The Rated Capacity, Power Input and Running Current are determined under conditions T1 (cooling) or H1 (heating) of AS/NZS 3823.1.1.
2. 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.
3. Indoor 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.
4. 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.
5. 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 slightly.

WALL MOUNTED INVERTER

Reverse Cycle



INDOOR UNIT		FTXS20KVMA	FTXS25KVMA	FTXS35KVMA	FTXS46KVMA	FTXS50KAVMA
OUTDOOR UNIT		RXS20KVMA	RXS25KVMA	RXS35KVMA	RXS46KVMA	RXS50KAVMA
Rated Capacity	Cool (kW)	2	2.5	3.5	4.6	4.8
	Heat (kW)	2.7	3.4	4.0	5.4	5.9
Capacity Range	Cool (kW)	1.3-2.8	1.3-3.2	1.4-4.0	1.7-5.3	1.7-6.0
	Heat (kW)	1.3-4.3	1.3-4.7	1.4-5.2	1.7-7.5	1.7-7.7
Indoor Airflow Rate (Hi)	Cool (l/s)	162	162	188	203	245
	Heat (l/s)	175	175	192	215	270
Indoor Fan Speeds		5 steps, quiet and automatic				
Energy Label/ Star Ratings	Cool	4	4	2.5	2	1.5
	Heat	4	4	3.5	2.5	2.5
Front Panel Colour		White	White	White	White	White
Power Supply		1 phase, 220-240, 50Hz				
Power Input (Rated)	Cool (kW)	0.45	0.58	0.97	1.37	1.52
	Heat (kW)	0.61	0.79	0.99	1.50	1.61
E.E.R./C.O.P.	Cool/Heat	4.44/4.43	4.31/4.30	3.61/4.04	3.36/3.60	3.16/3.64
Dimensions (HxWxD)	Indoor (mm)	295x800x215				290x1050x250
	Outdoor (mm)	550x765x285	550x765x285	550x765x285	735x825x300	735x825x300
Weight	Indoor (kg)	9	9	10	10	12
	Outdoor (kg)	31	34	34	48	48
Compressor Type		Hermetically sealed swing type				
Refrigerant Type		R410A	R410A	R410A	R410A	R410A
Max Pipe Length (m)		20	20	20	30	30
Max Level Difference (m)		15	15	15	20	20
Pipe Sizes	Liquid (mm)	6.4	6.4	6.4	6.4	6.4
	Gas (mm)	9.5	9.5	9.5	12.7	12.7
	Drain (OD mm)	18.0	18.0	18.0	18.0	18.0
Outdoor Operating Range (outdoor temp)	Cool (CDB)	10 to 46	10 to 46	10 to 46	10 to 46	10 to 46
	Heat (CWB)	-15 to 18	-15 to 18	-15 to 18	-15 to 18	-15 to 18
Indoor Sound Level (H/M/L/SL)	Cool (dBA)	38/32/25/22	38/32/25/22	42/34/26/23	44/40/35/32	44/40/35/32
	Heat (dBA)	39/34/28/25	39/34/28/25	42/36/29/26	42/38/33/30	42/38/33/30
Outdoor Sound Level (H/L)	Cool (dBA)	46/43	46/43	48/44	47/44	47/44
	Heat (dBA)	47/44	47/44	48/45	48/45	48/45
Sound Power Level (H)	Outdoor (dBA)	62	62	63	62	62

INDOOR UNIT		FTXS60KAVMA	FTXS71KAVMA	FTXS80KAVMA	FTXS90KAVMA	FTXS100KAVMA
OUTDOOR UNIT		RXS60KAVMA	RXS71KAVMA	RXS80KAVMA	RXS90KAVMA	RXS100KAVMA
Rated Capacity	Cool (kW)	5.1	6.6	7.9	8.1	8.8
	Heat (kW)	7.0	8.0	9.2	10.0	10.3
Capacity Range	Cool (kW)	1.7-6.7	2.3-8.5	2.3-9.5	2.3-10.5	3.0-11.2
	Heat (kW)	1.7-8.0	2.3-10.0	2.3-10.5	2.3-11.2	3.0-11.7
Indoor Airflow Rate (Hi)	Cool (l/s)	270	290	397	397	397
	Heat (l/s)	290	358	401	402	402
Indoor Fan Speeds		5 steps, quiet and automatic				
Energy Label/ Star Ratings	Cool	1.5	1.5	1.5	1.5	1.5
	Heat	2	2	1.5	1.5	1.5
Front Panel Colour		White	White	White	White	White
Power Supply		1 phase, 220-240, 50Hz				
Power Input (Rated)	Cool (kW)	1.61	2.51	2.51	2.54	2.78
	Heat (kW)	2.06	2.89	2.89	3.16	3.2
E.E.R./C.O.P.	Cool/Heat	3.16/3.38	3.16/3.18	3.16/3.18	3.19/3.17	3.16/3.17
Dimensions (HxWxD)	Indoor (mm)	290x1050x250	290x1050x250	340x1200x240	340x1200x240	340x1200x240
	Outdoor (mm)	735x825x300	770x900x320	770x900x320	770x900x320	990x940x320
Weight	Indoor (kg)	12	12	17	17	17
	Outdoor (kg)	48	71	71	71	80
Compressor Type		Hermetically sealed swing type				
Refrigerant Type		R410A	R410A	R410A	R410A	R410A
Max Pipe Length (m)		30	30	30	30	30
Max Level Difference (m)		20	20	20	20	20
Pipe Sizes	Liquid (mm)	6.4	6.4	9.5	9.5	9.5
	Gas (mm)	12.7	15.9	15.9	15.9	15.9
	Drain (OD mm)	18.0	18.0	18.0	18.0	18.0
Outdoor Operating Range (outdoor temp)	Cool (CDB)	10 to 46	10 to 46	10 to 46	10 to 46	10 to 46
	Heat (CWB)	-15 to 18	-15 to 18	-15 to 18	-15 to 18	-15 to 18
Indoor Sound Level (H/M/L/SL)	Cool (dBA)	45/41/36/33	46/42/37/34	49/45/40/37	49/45/40/37	49/45/40/37
	Heat (dBA)	44/40/35/32	46/42/37/34	49/44/38/35	49/44/38/35	49/44/38/35
Outdoor Sound Level (H/L)	Cool (dBA)	49/46	52/49	54/51	54/51	54/51
	Heat (dBA)	49/46	52/49	54/51	54/51	55/51
Sound Power Level (H)	Outdoor (dBA)	63	66	68	68	69

WALL MOUNTED HYBRID SPLIT
Reverse Cycle



FLOOR STANDING UNITS
Reverse Cycle

INDOOR UNIT		FTYN25KV1A	FTYN35KAV1A
OUTDOOR UNIT		RYN25KV1A	RYN35KAV1A
Rated Capacity	Cool (kW)	2.5	3.5
	Heat (kW)	3.4	4.0
Indoor Airflow Rate (Hi)	Cool (l/s)	161	188
	Heat (l/s)	175	191
Indoor Fan Speeds		5 steps and automatic	
Energy Label/ Star Ratings	Cool	3	2.5
	Heat	3.5	3
Front Panel Colour		White	White
Power Supply		1 phase, 220-240V, 50Hz	
Power Input (Rated)	Cool (kW)	0.63	0.99
	Heat (kW)	0.8	1.01
E.E.R./C.O.P.	Cool/Heat	3.97/4.25	3.5/3.96
Dimensions (HxWxD)	Indoor (mm)	295x800x215	295x800x215
	Outdoor (mm)	550x765x285	550x765x285
Weight	Indoor (kg)	9	10
	Outdoor (kg)	34	34
Compressor Type		Hermetically sealed swing type	
Refrigerant Type		R410A	R410A
Max Pipe Length	(m)	20	20
Max Level Difference	(m)	15	15
Pipe Sizes	Liquid (mm)	6.4	6.4
	Gas (mm)	9.5	9.5
	Drain (mm) OD	18	18
Outdoor Operating Range (outdoor temp)	Cool (CDB)	10 to 46	10 to 46
	Heat (CWB)	-10 to 20	-10 to 20
Indoor Sound Level (H/M/L)	Cool (dBA)	38/32/25/22	42/34/26/23
	Heat (dBA)	39/34/28/25	42/36/29/26
Outdoor Sound Level (H/L)	Cool (dBA)	46	48
	Heat (dBA)	47	48
EPA Sound Power Level	Outdoor (dBA)	62	63

Please refer to notes on page 7.

INDOOR UNIT		FVXS25KV1A	FVXS35KV1A	FVXS50KV1A	FVXS60HVMA	FVXS71HVMA
OUTDOOR UNIT		RXS25KVMA	RXS35KVMA	RXS50KVMA	RXS60HVMA	RXS71HVMA
Rated Capacity	Cool (kW)	2.5	3.4	4.9	6	7.1
	Heat (kW)	3.3	4.4	5.7	7	8.2
Capacity Range	Cool (kW)	1.3-3.0	1.4-3.8	1.4-5.6	2.3-6.7	2.3-8.5
	Heat (kW)	1.3-4.5	1.4-5.0	1.4-8.1	2.3-9.0	2.3-10.0
Indoor Airflow Rate (Hi)	Cool (l/s)	136	141	178	260	273
	Heat (l/s)	146	156	196	285	303
Indoor Fan Speeds		5 steps, quiet and automatic				
Energy Label/ Star Ratings	Cool	3.5	1.5	1.5	1	1
	Heat	3.5	2	2.5	1.5	1.5
Front Panel Colour		White	White	White	White	White
Power Supply		1 phase, 220-240V, 50Hz				
Power Input (Rated)	Cool (kW)	0.59	1.03	1.57	1.98	2.36
	Heat (kW)	0.79	1.24	1.62	2.06	2.60
E.E.R./C.O.P.	Cool/Heat	4.17/4.22	3.34/3.56	3.13/3.53	3.03/3.40	3.01/3.15
Dimensions (HxWxD)	Indoor (mm)	600x700x210	600x700x210	600x700x210	770x850x290	770x850x290
	Outdoor (mm)	550x765x285	550x765x285	735x825x300	770x900x320	770x900x320
Weight	Indoor (kg)	14	14	14	25	25
	Outdoor (kg)	34	34	48	71	71
Compressor Type		Hermetically sealed swing type				
Refrigerant Type		R410A	R410A	R410A	R410A	R410A
Max Pipe Length	(m)	20	20	30	30	30
Max Level Difference	(m)	15	15	20	20	20
Pipe Sizes	Liquid (mm)	6.4	6.4	6.4	6.4	6.4
	Gas (mm)	9.5	9.5	12.7	12.7	15.9
	Drain (mm)	20	20	20	20	20
Outdoor Operating Range (outdoor temp)	Cool (CDB)	10 to 46	10 to 46	10 to 46	10 to 46	10 to 46
	Heat (CWB)	-15 to 20	-15 to 20	-15 to 18	-15 to 18	-15 to 18
Indoor Sound Level (H/M/L/SL)	Cool (dBA)	38/32/26/23	39/33/27/24	44/40/36/32	45/41/36/33	46/42/37/34
	Heat (dBA)	38/32/26/23	39/33/27/24	45/40/36/32	45/41/36/33	46/42/37/34
Outdoor Sound Level (H/L)	Cool (dBA)	46/43	47/44	47/44	49/46	52/49
	Heat (dBA)	47/44	48/45	48/45	49/46	52/49
EPA Sound Power Level	Outdoor (dBA)	62	63	62	63	66

Please refer to notes on page 7.

DAIKIN *Get it Right* FIRST TIME

4 STEPS TO A SUCCESSFUL INSTALLATION

OVER 450 DAIKIN SPECIALIST DEALERS ACROSS AUSTRALIA AND NEW ZEALAND READY TO HELP YOU FIT THE RIGHT AIR CONDITIONING SOLUTION FOR YOUR HOME - BIG OR SMALL.

1 Trust a Daikin Specialist Dealer

Selecting a Daikin Specialist Dealer will help you obtain an efficient, reliable installation with the best possible service and advice for getting the right Heat Pump.

2 Measure, Quote and Install

Your Daikin Specialist Dealer will come to your home to carefully evaluate your needs and will then provide you with a detailed cost estimate. Next is the installation stage. Here your Daikin Specialist Dealer is your assurance that the work will be performed cleanly, quickly and safely.

3 Daikin's 5 Year Warranty

The Daikin 5 year parts and labour warranty applies to all products in this brochure, purchased and installed in New Zealand.



4 Maintenance

For your peace of mind, entrust the regular maintenance of your system to a Daikin Specialist Dealer - this way, you will optimise the performance and longevity of your unit.

In July 2011, CANSTAR Blue released independent survey results tracking consumer satisfaction in the heat pump category.

Daikin received CANSTAR Blue's 'Most Satisfied Customers' Award' in the heat pump category with a rating of 5 Stars overall.

Full Canstar Blue results are available at www.canstarblue.co.nz



YOU KNOW YOU CAN
trust Daikin...



DAIKIN, A PARTNER YOU CAN RELY ON

Daikin has been operating worldwide for more than 80 years. This success is based on hard work and innovation. With over 33,000 employees worldwide, Daikin has always been at the cutting edge of technology with one goal in mind – to provide comfort through air conditioning. Only a market leader can give you the Daikin level of service and quality control.

Daikin has been providing comfort to New Zealand homes for over 20 years, with offices all over Australia and New Zealand and a strong network of over 60 Daikin Specialist Dealers you can rely on.

LOCAL AFTER SALES SUPPORT

Daikin has an established service department. A dedicated in-house call centre, spare parts division and technical support centre for all technical enquiries, ensures prompt after sales support for all Daikin customers.



I LOVE MY Daikin Heat Pump

It keeps the house warm on cold training nights and helps me stay cool in the off-season.

Dan Carter

Assumptions

All representations made in Daikin marketing and promotional material are based on the assumptions that the correct equipment has been selected, appropriately sized and installed in accordance with Daikin's installation instructions and standard industry practises.

Environmental Qualifications

Daikin Industries Limited has received ISO 14001 Environmental Certification for the Daikin production facilities listed below. ISO 14001 is an international standard specifying requirement for an environmental management system, enabling an organisation to formulate policy and objectives, taking into account legislative requirements and information about significant environmental impacts. It applies to those environmental aspects within the organisation's control and over which it can be expected to have an influence.

The certification relates only to the environmental management system and does not constitute any endorsement of the products shipped from the facility by the International Organisation for Standardisation.

Head Office / Tokyo Office Certificate number: EC02J0355

Shiga Plant (Japan) Certificate number: EC99J2044

Sakai Plant (Japan) Certificate number: JQA-E-80009

Daikin Industries Ltd (Thailand) Certificate number: JQA-E-90108

Yodogawa Plant (Japan) Certificate number: EC99J2057

Quality Certifications

Daikin Industries Limited is the first air conditioning equipment manufacturer in Japan to receive the ISO 9001 certification. All Daikin manufacturing facilities have been certified to ISO 9001 Quality Management System requirements. ISO 9001 is a certificate for quality assurance concerning 'design, development, manufacturing, installation and related service' of products manufactured at that factory.



Residential Air Conditioning

Manufacturing Div (ISO 9001)

JQA-0486 May 2, 1994 (Shiga Plant)

Commercial Air Conditioning and Refrigeration

Manufacturing Div (ISO 9001)

JMI0107 December 28, 1992 (Kanaoka Factory and Rinkai Factory at Sakai Plant)

Industrial System and Chiller Products

Manufacturing Div (ISO 9001)

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

Daikin Europe N.V (ISO 9001)

Lloyd 928589.1 June 2, 1993

Daikin Industries (Thailand) Ltd

JQA-1452 September 13, 2002 (ISO 9001)

Daikin Australia Pty Limited (ISO 9001)

QEC 23256 May 31, 2006
Sydney, Brisbane, Adelaide, Melbourne,
Newcastle, Townsville, Perth
CEM 20437 October 27, 2006
Sydney, Brisbane

DEALER:

www.daikin.co.nz

Daikin Australia Pty Limited ABN 62 000 172 967 | Email: sales@daikin.co.nz | 0800 324 546