



HEAT PUMPS BY 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 with 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 heating or cooling 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, will 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 filtered 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 *Heat Pumps,* YOU'RE MAKING A *Sensitive Choice.*



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

SENSITIVE CHOICE

The National Asthma Council Australia and the Asthma Foundation New Zealand introduced the Sensitive Choice® program to help people identify products that are better suited for people with 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 people with asthma and allergies and help to provide a cleaner and healthier indoor environment.

Daikin Air Purifiers *A Sensitive, Smart Choice*



A Daikin air purifier improves the quality of your air indoors, with its advanced technology and ultra quiet operation.

A Daikin air purifier is ideal if you suffer from asthma, hay fever or allergies. With a 6-layer powerful decomposition & removal system, Daikin's air purifier helps eliminate bacteria, airborne particles, allergens, pollen & unpleasant odours.

Approved by the National Asthma Council Australia and Asthma Foundation (NZ), Daikin Air Purifiers are authorised to display the Sensitive Choice butterfly symbol.

Air Purifier Filters:

1. Prefilter
2. Streamer discharge unit
3. Plasma ionizer
4. Electrostatic dust collection filter
5. Titanium apatite photo-catalytic filter
6. Deodorising catalyst filter

*Daikin Air Purifiers come with a 1 year warranty.



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.

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



Key Features Checklist

	FLOOR STANDING UNIT	WALL MOUNTED UNIT	
	INVERTER	INVERTER	
Reverse Cycle (heating & cooling)	FVXS25K FVXS35L FVXS50L FVXS60L FVXS71L	FTXZ25N FTXZ35N FTXZ50N	FTXS20L FTXS25L FTXS35L FTXS46L FTXS50L FTXS60L FTXS71L FTXS85L FTXS95L
	✓	✓	✓
	✓		✓
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		✓	✓
Circulation Airflow		✓	
Breeze 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	✓	✓	✓
Countdown Off Timer		✓	
Quick Heating Timer		✓	
Weekly Timer	✓		✓
Night Set Mode	✓	✓	✓
Auto-Restart after Power Failure	✓	✓	✓
Self-Diagnosis with Digital Display	✓	✓	✓
Anticorrosion Treatment of Outdoor Heat Exchanger Fin	✓	✓	✓

Key Features and Benefits*

SUPERIOR COMFORT

Program Dry Function. The system reduces humidity in the room 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 when quieter operation is needed.**

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.

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

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.

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.

Hot Start. When heating commences, or when changing from cooling to heating, airflow doesn't start until the air is warm, preventing cold draughts.

Wide Angle Louvres. Smoothly curved wide-angle louvres provide airflow coverage for effective heating and cooling no matter where the indoor unit is placed within the room.

Power-Airflow Dual Flaps. This unique system directs warm air to the floor in winter and cool air across the room in summer for maximum efficiency and comfort. The large flap governs airflow direction while the small flap (or diffuser) swings, producing fine air currents that help circulate the air around the room.

Vertical Auto-Swing. The vertical auto swing automatically sweeps the air across the room in an up and down motion. When the unit is switched off, the louvres close automatically.

Horizontal Auto-Swing Automatically moves to ensure an even distribution of air throughout a room.

Circulation Airflow. Conditioned air is streamed upwards along the ceiling to create a circular air motion in the room for more even temperature.

Breeze Airflow. Randomly varying airflow rate and direction replicates the feeling of a natural breeze which enhances comfort levels.

ECONOMICAL

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 no activity is detected in a room for more than 20 minutes the heat pump automatically changes to an energy-efficient operation.

Econo Mode. This function allows you to reduce the peak power consumption of the heat pump. Econo Mode is useful in preventing nuisance tripping when you have multiple major electrical appliances operating

simultaneously. It works by reducing the maximum speed that the compressor in the outdoor unit is allowed to operate at and therefore will also reduce the maximum noise level of the outdoor unit.**

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.

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.

KEEPING WARM

Quick Heating Timer. This function preheats the compressor to shorten the time required to discharge warm air

Automatic Defrosting. This sensor performs automatic defrosting of the outdoor heat exchanger if necessary, ensuring optimum heating performance.

EASY TO OPERATE

Self-Diagnosis. In the unlikely 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 After Power Failure. 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.

HEALTHY AND CLEAN

Air-Purifying Filter. The air-purifying filter and titanium apatite photocatalytic deodorizing filter trap most microscopic particles, decompose odours and help absorb and deactivate bacteria and viruses to purify the air in your room.

Photocatalytic Deoderising Filter. This filter traps and decomposes most odours and helps adsorb and deactivate bacteria and viruses.

Titanium Apatite Photocatalytic Air-Purifying Filter. This filter combines the air-purifying filter and titanium apatite photocatalytic deoderising filter in a single highly effective unit. The filter traps most microscopic particles, helps decompose odours and helps adsorb and deactivate bacteria and viruses.

Wipe Clean. The panels of the heat pump can be cleaned with a cloth across the smooth surface.

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.

LCD Wireless Remote Control. Features a backlit LCD and luminescent control buttons, allowing for easy viewing in dimly lit rooms.

Home Leave Operation. Select this function when leaving the house and the air conditioner will operate at a pre-selected temperature. Your home can then be warmed or cooled much quicker upon return.

Indoor Unit On/Off Switch. A convenient on/off switch on the indoor unit allows you to start up the system even if you have misplaced the remote control or the remote control batteries are exhausted.

Countdown Off Timer. This feature allows you to pre-set the duration for which the unit remains operational in 30 minute increments, anywhere from 30 minutes to 9 hours and 30 minutes.

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.

PROTECTION

Anti-Corrosion. The special anti-corrosion coating on the outdoor unit heat exchanger ensures greater resistance to salt damage and atmospheric corrosion.



URURU SARARA 7



NEW ZEALAND'S MOST ENERGY EFFICIENT HEAT PUMP*



THE HEAT PUMP THAT COOLS, HEATS, HUMIDIFIES, DEHUMIDIFIES, PURIFIES & VENTILATES

Modern heat pumps not only heat, but cool the air as well. You can adjust the temperature in your home all year round with one system. But there can be 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.

Daikin's new and improved Ururu Sarara 7 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.

HUMIDIFICATION

Homogeneous indoor air quality

Humidification is created by absorbing moisture from the outdoor air. 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 temperatures, can make a room feel hot and stuffy. Through the unique design of the indoor heat exchanger, Ururu Sarara 7's dehumidification system reduces indoor humidity, without affecting the room temperature. This will particularly benefit people sensitive to the cold.

VENTILATION

Filtered outside air, even with closed windows

Unlike a conventional heat pump, Ururu Sarara 7 can fill a 26 m² room with filtered outside air

in under two hours. Furthermore, incoming air is brought to the same temperature as the pre-set indoor temperature to maintain optimum comfort for room occupants. The supply air fan is located in the outdoor unit, which minimises indoor noise.

IMPROVED INDOOR ENVIRONMENT

More comfortable air

A 'natural breeze' mode oscillates the airflow direction and speed to replicate a natural breeze for improved comfort. The 'comfort sleep' mode adapts the temperature fluctuations to those that the body naturally experiences during the night for a better, more comfortable sleep.

The intelligent eye further improves comfort levels by detecting movement and diverting airflow away from occupants to prevent cold drafts.

FLASH STREAMER FILTRATION

Non-stop purified air, self cleaning filter

An electron discharge activates oxygen and nitrogen molecules, making them capable

of oxidative bacteria decomposition and the elimination of chemicals and allergens from the air. A self-cleaning filter also helps improve performance and reduce power consumption.

COANDA AIRFLOW

Enhanced airflow for up to 12 metres

Advanced louvre design uses the Coanda Effect to steam air upwards along the ceiling for a longer reach of up to 12 metres. Coanda airflow also helps create a circular airflow for more even, efficient temperature distribution.

INDUSTRY LEADING EFFICIENCY

New Zealand's first 7-star heat pump


Thanks to the use of R32 refrigerant and cutting edge technology including redesigned indoor fan rotors, R32 optimised components and the industry's first 5-row coil, Ururu Sarara 7 delivers industry leading energy efficiency with EER of 5.95 and COP of 5.81.

WALL MOUNTED INVERTER

Heat Pumps

Ururu Sarara 7



INDOOR UNIT		FTXZ25NV1B	FTXZ35NV1B	FTXZ50NV1B
OUTDOOR UNIT		RXZ25NV1B	RXZ35NV1B	RXZ50NV1B
Rated Capacity	Cool (kW)	2.5	3.5	5.0
	Heat (kW)	3.6	5.0	6.3
Capacity Range	Cool (kW)	0.6-3.9	0.6-5.3	0.6-5.8
	Heat (kW)	0.6-7.5	0.6-9.0	0.6-9.4
Indoor Airflow Rate (Hi)	Cool (l/s)	177	203	250
	Heat (l/s)	195	221	240
Indoor Fan Speeds		5 steps, quiet and automatic		
Energy Label/ Star Ratings	Cool	★★★★★★★	★★★★★★☆	★★★★★
	Heat	★★★★★★★	★★★★★★☆	★★★★★★☆
Front Panel Colour		White	White	White
Power Supply		1 phase, 220-240 50Hz		
Power Input (Rated)	Cool (kW)	0.42	0.68	1.18
	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
Dimensions (HxWxD)	Indoor (mm)	295 x 798 x 372	295 x 798 x 372	295 x 798 x 372
	Outdoor (mm)	693 x 795 x 300	693 x 795 x 300	693 x 795 x 300
Weight	Indoor (kg)	15	15	15
	Outdoor (kg)	50	50	50
Compressor Type		Hermetically sealed swing type		
Refrigerant Type		R32	R32	R32
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
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/SL)	Cool (dBA)	38 / 19	42 / 19	47 / 23
	Heat (dBA)	39 / 19	42 / 19	44 / 24
Outdoor Sound Level (H/L)	Cool (dBA)	46	48	49
	Heat (dBA)	46	48	50
EPA Sound Power Level (H)	Outdoor (dBA)	59	61	63
EECA Energy Star Compliant		✓	✓	✓

★ = 1 star ★ = 1/2 star

Please refer to notes on page 12.

WALL MOUNTED INVERTER


Heat Pumps

L-Series




The L-Series

- **Standby Power Function** – reduces electricity consumption when not in use
- **Intelligent Eye** – monitors activity in the room
- **Econo Mode Function** – reduces the peak power consumption of the heat pump

INDOOR UNIT		FTXS20LVMA	FTXS25LVMA	FTXS35LVMA	FTXS46LVMA	FTXS50LVMA
OUTDOOR UNIT		RXS20LVMA	RXS25LVMA	RXS35LVMA	RXS46LVMA	RXS50LVMA
Rated Capacity	Cool (kW)	2.0	2.5	3.5	4.6	5.0
	Heat (kW)	2.7	3.4	4.0	5.1	6.0
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	1.7-6.8	1.7-7.7
Indoor Airflow Rate (Hi)	Cool (l/s)	162	177	188	203	305
	Heat (l/s)	175	192	200	215	323
Indoor Fan Speeds		5 steps, quiet and automatic				
Energy Label/ Star Ratings	Cool	★★★★	★★★★☆	★★★	★★☆	★★★
	Heat	★★★★	★★★★★	★★★★★	★★★	★★★★☆
Front Panel Colour		White	White	White	White	White
Power Supply		1 phase, 220-240, 50Hz				
Power Input (Rated)	Cool (kW)	0.45	0.54	0.91	1.25	1.32
	Heat (kW)	0.61	0.70	0.88	1.37	1.47
E.E.R./C.O.P.	Cool/Heat	4.44/4.43	4.63/4.86	3.85/4.55	3.68/3.72	3.79/4.08
A.E.E.R./A.C.O.P.	Cool/Heat	4.37/4.37	4.57/4.81	3.81/4.51	3.66/3.70	3.77/4.06
Dimensions (HxWxD)	Indoor (mm)	295x800x215				340x1050x248
	Outdoor (mm)	550x765x285	550x765x285	550x765x285	735x825x300	735x825x300
Weight	Indoor (kg)	9	10	10	10	14
	Outdoor (kg)	31	34	34	46	46
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
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/SL)	Cool (dBA)	38/22	40/22	42/23	44/32	46/32
	Heat (dBA)	39/25	40/25	42/26	42/30	45/30
Outdoor Sound Level (H/SL)	Cool (dBA)	46/43	47/43	49/44	47/44	47/44
	Heat (dBA)	47/44	48/44	49/45	48/45	48/45
EPA Sound Power Level (H)	Outdoor (dBA) Cool/Heat	61	62	63	62	62
EECA Energy Star Compliant			✓	✓		✓

★ = 1 star ☆ = 1/2 star

INDOOR UNIT		FTXS60LVMA	FTXS71LVMA	FTXS85LVMA	FTXS95LVMA
OUTDOOR UNIT		RXS60LVMA	RXS71LVMA	RXS85LVMA	RXS95LVMA
Rated Capacity	Cool (kW)	6.0	7.1	8.5	9.4
	Heat (kW)	7.0	8.0	9.0	10.5
Capacity Range	Cool (kW)	1.7-6.7	2.3-8.5	3.0-10.5	3.0-11.2
	Heat (kW)	1.7-8.0	2.3-10.0	3.0-11.2	3.0-11.7
Indoor Airflow Rate (Hi)	Cool (l/s)	320	352	397	378
	Heat (l/s)	353	360	402	415
Indoor Fan Speeds		5 steps, quiet and automatic			
Energy Label/ Star Ratings	Cool	★★★	★★	★★	★★
	Heat	★★★★☆	★★★	★★★★	★★
Front Panel Colour		White	White	White	White
Power Supply		1 phase, 220-240, 50Hz			
Power Input (Rated)	Cool (kW)	1.69	2.08	2.58	2.88
	Heat (kW)	1.73	2.18	2.51	3.22
E.E.R./C.O.P.	Cool/Heat	3.55/4.05	3.41/3.67	3.29/3.59	3.26/3.26
A.E.E.R./A.C.O.P.	Cool/Heat	3.53/4.03	3.40/3.66	3.28/3.57	3.25/3.25
Dimensions (HxWxD)	Indoor (mm)	340x1050x248	340x1050x248	340x1200x240	340x1200x240
	Outdoor (mm)	735x825x300	770x900x320	990x940x320	990x940x320
Weight	Indoor (kg)	14	14	17	18
	Outdoor (kg)	46	71	80	82
Compressor Type		Hermetically sealed swing type			
Refrigerant Type		R410A	R410A	R410A	R410A
Max Pipe Length	(m)	30	30	30	30
Max Level Difference	(m)	20	20	20	20
Pipe Sizes	Liquid (mm)	6.4	9.5	9.5	9.5
	Gas (mm)	12.7	15.9	15.9	15.9
Outdoor Operating Range (outdoor temp)	Cool (°CDB)	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
Indoor Sound Level (H/SL)	Cool (dBA)	48/33	51/34	49/37	51/38
	Heat (dBA)	48/30	49/32	49/35	50/35
Outdoor Sound Level (H/SL)	Cool (dBA)	49/46	52/49	54/51	54/50
	Heat (dBA)	49/46	53/49	55/51	55/51
EPA Sound Power Level (H)	Outdoor (dBA) Cool/Heat	63	67	69	69
EECA Energy Star Compliant		✓	✓	✓	

★ = 1 star ☆ = 1/2 star

FLOOR STANDING INVERTER

Heat Pumps

L-Series



INDOOR UNIT		FVXS25KV1A	FVXS35LV1A	FVXS50KV1A	FVXS50LVMA	FVXS60LVMA	FVXS71LVMA
OUTDOOR UNIT		RXS25LAVMA	RXS35LAVMA	RXS50KVMA	RXS50LAVMA	RXS60LAVMA	RXS71LAVMA
Rated Capacity	Cool (kW)	2.46	3.5	4.92	5.0	6.0	7.1
	Heat (kW)	3.33	4.42	5.68	5.8	7.0	7.65
Capacity Range	Cool (kW)	1.3-3.0	1.7-3.8	1.4-5.6	1.7-5.6	2.3-6.7	3.0-8.5
	Heat (kW)	1.3-4.5	1.7-5.0	1.4-8.1	1.7-8.1	2.3-9.0	3.0-10.0
Indoor Airflow Rate (Hi)	Cool (l/s)	137	147	178	260	292	273
	Heat (l/s)	147	157	197	285	285	317
Indoor Fan Speeds		5 steps, quiet and automatic					
Energy Label/ Star Ratings	Cool	★★★★☆	★★★★	★★★	★★★★	★★★★☆	★★★
	Heat	★★★★☆	★★★★	★★★★☆	★★★★	★★★	★★★
Front Panel Colour		White	White	White	White	White	White
Power Supply		1 phase, 220-240V, 50Hz					
Power Input (Rated)	Cool (kW)	0.59	0.92	1.57	1.30	1.70	2.13
	Heat (kW)	0.79	1.17	1.61	1.59	2.03	2.21
E.E.R./C.O.P.	Cool/Heat	4.17/4.22	3.80/3.78	3.13 / 3.53	3.85/3.65	3.53/3.45	3.33/3.46
A.E.E.R./A.C.O.P.	Cool/Heat	4.12/4.18	3.77/3.75	3.12 / 3.51	3.82/3.63	3.51/3.43	3.32/3.45
Dimensions (HxWxD)	Indoor (mm)	600x700x210	600x700x210	600x700x210	770x850x290	770x850x290	770x850x290
	Outdoor (mm)	550x765x285	735x825x300	735x825x300	735x825x300	770x900x320	990x940x320
Weight	Indoor (kg)	14	14	14	25	25	25
	Outdoor (kg)	34	46	48	46	71	80
Compressor Type		Hermetically sealed swing type					
Refrigerant Type		R410A	R410A	R410A	R410A	R410A	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 Range (outdoor temp)	Cool (°CDB)	10 to 46	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	-15 to 18
Indoor Sound Level (H/SL)	Cool (dBA)	38/23	39/24	44/32	45/32	47/33	46/33
	Heat (dBA)	38/23	39/24	45/32	45/32	45/33	47/34
Outdoor Sound Level (H/SL)	Cool (dBA)	46/43	47/44	47/44	47/44	49/46	52/49
	Heat (dBA)	47/44	48/45	48/45	48/45	49/46	54/50
EPA Sound Power Level (H)	Outdoor (dBA)	61	62	62	62	63	66
	Cool/Heat						

★ = 1 star ★ = 1/2 star

Please refer to notes on page 12.

Controllers

Backlit Wireless Remote Controller

This remote controller with a backlit liquid crystal display and luminescent control buttons*, also features a built-in weekly time clock that can be programmed 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.

Other functions include:

- 24 Hour timer
- Weekly timer
- Night set mode
- Self diagnosis with digital display
- Comfortable mode
- Econo mode

Applicable to FVXS and FTXS ranges.



*4 control buttons on the top panel are luminescent.

Ururu Sarara 7 Remote Controller

While the Ururu Sarara 7 is packed with advanced features and cutting edge technology, it is also exceptionally easy to use thanks to it's user friendly remote controller.

Designed with the user in mind, the Ururu Sarara 7 controller puts key functions in easy reach so you can heat, cool, humidify or dehumidify with a single press of a button. It can even simplify the decision making process with an auto button that selects the appropriate operation mode based on your room's ambient temperature.

Other functions include:

- Night time illumination
- Automatic operation
- Direct operation buttons
- Long operating range

Applicable to FTXZ range.



TRUST THE *HEAT PUMP* *SPECIALISTS*

4 STEPS TO GETTING IT RIGHT

OVER 60 DAIKIN SPECIALIST DEALERS ACROSS NEW ZEALAND READY TO HELP YOU FIT THE RIGHT HEAT PUMP 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.

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.

HEAT PUMPS MADE *easy* WITH DAIKIN

HEAT PUMPS: WHAT TO LOOK FOR

NOW THAT YOU'VE READ THIS BROCHURE YOU SHOULD HAVE A BASIC UNDERSTANDING OF ALL THE BENEFITS OF A DAIKIN HEAT PUMP. HERE ARE SOME QUICK HINTS AND TIPS TO HELP YOU WITH YOUR DECISION AND ENSURE YOU GET THE RIGHT HEAT PUMP FOR YOUR NEEDS.

- ✓ **Get the right size heat pump for your home** – When you're buying a heat pump, it's very important to seek expert advice. A Daikin Specialist Dealer is a great place to start. They will devote the time and effort to ensure you choose the right heat pump for your individual needs.
- ✓ **Energy efficiency** – Daikin's advanced and innovative technology ensures your heat pump is one of the most energy efficient units available. A Daikin Specialist Dealer will ensure you choose the most energy efficient heat pump for the size of your room or home.
- ✓ **Professional installation** – Daikin's Specialist Dealer network does it all, offering you one great price covering the cost of the heat pump plus installation. Your Daikin Specialist Dealer will make sure, whatever heat pump you select is professionally installed so it works quietly and efficiently.
- ✓ **Certified operation in extremes** – When climatic conditions are extreme, either at their coldest or at their hottest, that's when you need your heat pump the most. So when it's really cold, you're really warm and when it's uncomfortably hot, you're comfortably cool. Inverter models are very reliable even when temperatures are extreme. A Daikin heat pump is certified to operate when temperatures soar as high as 46°C (cooling) or fall as low as minus 15°C (heating).*
- ✓ **Noise level considerations** – It's very important to consider the noise level of a heat pump whether it is inside or outside, noise level should be minimal.

*Excludes FTXR models which operates in up to 43°C (cooling) and minus 20°C (heating)
*Refer to H₂ conditions in specifications.



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.

Quality Certifications

Daikin Industries Limited was the first air conditioning equipment manufacturer in Japan to receive 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.

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.



Quality
ISO 9001
SAI GLOBAL



Environment
ISO 14001
SAI GLOBAL

Daikin Australia Pty Limited (ISO 9001)
QEC 23256 May 12, 2006
Sydney, Brisbane, Adelaide, Melbourne,
Newcastle, Townsville, Perth, Auckland

Daikin Australia Pty Limited (ISO 14001)
CEM 20437 October 27, 2006
Sydney, Brisbane, Adelaide, Melbourne,
Perth

Head Office / Tokyo Office

Shiga Plant (Japan)

Sakai Plant (Japan)

Daikin Industries Ltd (Thailand)

Yodogawa Plant (Japan)

Daikin Australia Pty. Ltd.

Certificate number: EC02J0355

Certificate number: EC99J2044

Certificate number: JQA-E-80009

Certificate number: JQA-E-90108

Certificate number: EC99J2057

Certificate number: CEM20437

**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)



www.daikin.co.nz

DEALER: