HEATING AND COOLING SOLUTIONS

VRV-S RESIDENTIAL SYSTEMS

The best air anywhere.
With the emerging trend towards double storey homes on smaller blocks, the compact size and horizontal discharge design of Daikin’s VRV-S multi split air conditioning system makes it the ideal solution for the contemporary home.

**VRV-S**

**BRINGING INNOVATION TO YOUR HOME**

**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.4

**COMPACT FOOTPRINT**
VRV-S is available in a range of capacities from 9kW up to 24kW whilst maintaining a compact installation footprint with long piping runs of up to 100m1. This allows you to place the outdoor unit out of sight and not compromise the external appearance of your home.

**INTELLIGENT COMFORT**
Wall mounted indoor units feature a human presence sensor that ensures draught free comfort2 and automatically enables energy saving operations when the room is unoccupied.

**WHISPER QUIET**
VRV-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 43dBA3 for minimal impact to the neighbours.

**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, ducted, cassettes and ceiling suspended units, Daikin VRV-S series is truly a versatile system.

**TECHNOLOGY**

1. **SAW EDGE FAN BLADE**
The addition of a saw tooth edge at the rear of the blade smooths airflow over the blade surface, reducing turbulence which in turn results in a quieter, more efficient means of delivering comfort to your home.

2. **COMPRESSOR**
Daikin’s swing and scroll compressors are quieter and more efficient than conventional compressors, thanks to their high pressure dome construction and usage of high pressure lubrication oil.

3. **RELUCTANCE DC MOTOR**
All VRV IV-S compressors are equipped with Reluctance DC Motors. These motors utilise the magnetic torque or neodymium magnets in conjunction with reluctance torque, resulting in more energy efficient operation.

4. **INVERTER TECHNOLOGY**
The Inverter PCB works like the accelerator of a car, gently increasing or decreasing power. This ensures your desired temperature is reached quicker and steadily maintained without fluctuations.

**NIGHT TIME QUIET MODE**

Once enabled, this mode reduces the operational sound level of the condenser during night time with minimal sacrifice to indoor comfort.

**MODE 1: AUTOMATIC MODE**
Night mode will initiate 8 hours after peak temperature and last another 10 hours before resuming to normal operation.

**MODE 2: MANUAL MODE**
Starting time and ending time can be input. (PCB adaptor required, speak to dealer for more info)

**MODE 3: COMBINED MODE**
Combination of modes 1 and 2 can be used.

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**Note:**
1. Applies to 16.0kW to 24.0kW models
2. Draught prevention is only applicable to wall mounted units
3. Applies to 11.2kW model, noise levels for other models may vary
4. User can select the unit to operate in either cooling or heating mode, not both cooling and heating simultaneously

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**BRINGING INNOVATION TO YOUR HOME**
# PRODUCT RANGE

## Indoor Units

### Compact Cassette
- **Model Name:** FFQ-B
- **Capacity Range:** 2.5-6.0 kW
- **Application:**
  - 4-way airflow delivers even temperatures over open plan areas
  - Quiet operations in a compact size for easy installation

### Ceiling Mounted Built-in
- **Model Name:** FXSQ-PA
- **Capacity Range:** 2.2-16.0 kW
- **Application:**
  - Wide capacities available in a compact size with 245mm height, ideal for open plan areas and installation in tight cooling spaces
  - Airflow is automatically adjusted to deliver superior comfort

### Designer Wall Mounted (Zena)
- **Model Name:** CTXS-P
- **Capacity Range:** 2.5-5.0 kW
- **Application:**
  - Designer series to suit small to mid sized contemporary rooms
  - Available in silver or pure white matte finish
  - 2 Area Intelligent Eye for draught free comfort and energy saving operations

### Wall Mounted
- **Model Name:** FTXS-K
- **Capacity Range:** 2.5-7.1 kW
- **Application:**
  - Wide range up to 7.1kW, suitable for larger rooms
  - Quiet operations with the Intelligent Eye feature for energy savings operations

### Floor Standing
- **Model Name:** FVXS-K
- **Capacity Range:** 2.5-5.0 kW
- **Application:**
  - Compact size with a 800mm height, ideal for placement under a window sill, or semi-recessed into an unused fireplace
  - Dual duct discharge offers superior heating performance

### Floor/Ceiling Suspended Dual
- **Model Name:** FLXS-B(G)
- **Capacity Range:** 2.5-6.0 kW
- **Application:**
  - Flexible design, suitable for ceiling suspended or floor standing installation
  - Contemporary design of unit blends seamlessly into a modern homes decor

## Outdoor Units

### Branch Provider (BP Unit)
- **Model Name:** BPMKS967A2  
- **Number of Ports:** 2
- **Application:**
  - Available in 2 or 3 port models
  - Installed in ceiling space
  - Enables quieter indoor unit operation as electronic expansion valves are located in the BP Unit

### Ceiling Concealed Ducted
- **Model Name:** FXDYQ-MA, FXMQ-P
- **Capacity Range:** 8.8-28.0 kW
- **Application:**
  - High external static pressures up to 250Pa enables flexible duct design
  - Powerful supply air fan delivers higher airflow to suit the requirements of larger homes

### Floor/Ceiling Concealed Ducted
- **Model Name:** FXDYQ-MA, FXMQ-P
- **Capacity Range:** 8.8-28.0 kW
- **Application:**
  - High external static pressures up to 250Pa enables flexible duct design
  - Powerful supply air fan delivers higher airflow to suit the requirements of larger homes

### Outdoor Units
- **Model Name:** RXYMQ3AV4A, RXYMQ4AV4A, RXYMQ5AV4A
- **Capacity:**
  - RXYMQ3AV4A: 3.5 kW
  - RXYMQ4AV4A: 4.0 kW
  - RXYMQ5AV4A: 5.0 kW
- **Cooling Capacity:**
  - RXYMQ3AV4A: 9.0 kW
  - RXYMQ4AV4A: 11.2 kW
  - RXYMQ5AV4A: 14.0 kW
- **Heating Capacity:**
  - RXYMQ3AV4A: 10.0 kW
  - RXYMQ4AV4A: 12.5 kW
  - RXYMQ5AV4A: 14.0 kW
- **Power Supply:**
  - RXYMQ3AV4A: 1-phase, 230-240 V, 50 Hz
  - RXYMQ4AV4A: 1-phase, 230-240 V, 50 Hz
  - RXYMQ5AV4A: 1-phase, 230-240 V, 50 Hz

### Outdoor Units
- **Model Name:** RXYMQ5PV4A, RXYMQ6AV4A, RXYMQ8AY1, RXYMQ9AY1
- **Capacity:**
  - RXYMQ5PV4A: 5 kW
  - RXYMQ6AV4A: 6 kW
  - RXYMQ8AY1: 8 kW
  - RXYMQ9AY1: 9 kW
- **Cooling Capacity:**
  - RXYMQ5PV4A: 14.0 kW
  - RXYMQ6AV4A: 16.0 kW
  - RXYMQ8AY1: 22.4 kW
  - RXYMQ9AY1: 24.0 kW
- **Heating Capacity:**
  - RXYMQ5PV4A: 16.0 kW
  - RXYMQ6AV4A: 18.0 kW
  - RXYMQ8AY1: 25.0 kW
  - RXYMQ9AY1: 26.0 kW
- **Power Supply:**
  - RXYMQ5PV4A: 1-phase, 230-240 V, 50 Hz
  - RXYMQ6AV4A: 1-phase, 230-240 V, 50 Hz
  - RXYMQ8AY1: 3-phase, 380-415 V, 50 Hz
  - RXYMQ9AY1: 3-phase, 380-415 V, 50 Hz

### Designer Wall Mounted (Zena)
- **Model Name:** CTXS-P
- **Capacity Range:** 2.5-5.0 kW
- **Application:**
  - Designer series to suit small to mid sized contemporary rooms
  - Available in silver or pure white matte finish
  - 2 Area Intelligent Eye for draught free comfort and energy saving operations

### Wall Mounted
- **Model Name:** FTXS-K
- **Capacity Range:** 2.5-7.1 kW
- **Application:**
  - Wide range up to 7.1kW, suitable for larger rooms
  - Quiet operations with the Intelligent Eye feature for energy savings operations

### Floor Standing
- **Model Name:** FVXS-K
- **Capacity Range:** 2.5-5.0 kW
- **Application:**
  - Compact size with a 800mm height, ideal for placement under a window sill, or semi-recessed into an unused fireplace
  - Dual duct discharge offers superior heating performance

### Outdoor Units
- **Model Name:** RXYMQ3AV4A, RXYMQ4AV4A, RXYMQ5AV4A
- **Capacity:**
  - RXYMQ3AV4A: 3.5 kW
  - RXYMQ4AV4A: 4.0 kW
  - RXYMQ5AV4A: 5.0 kW
- **Cooling Capacity:**
  - RXYMQ3AV4A: 9.0 kW
  - RXYMQ4AV4A: 11.2 kW
  - RXYMQ5AV4A: 14.0 kW
- **Heating Capacity:**
  - RXYMQ3AV4A: 10.0 kW
  - RXYMQ4AV4A: 12.5 kW
  - RXYMQ5AV4A: 14.0 kW
- **Power Supply:**
  - RXYMQ3AV4A: 1-phase, 230-240 V, 50 Hz
  - RXYMQ4AV4A: 1-phase, 230-240 V, 50 Hz
  - RXYMQ5AV4A: 1-phase, 230-240 V, 50 Hz

### Outdoor Units
- **Model Name:** RXYMQ5PV4A, RXYMQ6AV4A, RXYMQ8AY1, RXYMQ9AY1
- **Capacity:**
  - RXYMQ5PV4A: 5 kW
  - RXYMQ6AV4A: 6 kW
  - RXYMQ8AY1: 8 kW
  - RXYMQ9AY1: 9 kW
- **Cooling Capacity:**
  - RXYMQ5PV4A: 14.0 kW
  - RXYMQ6AV4A: 16.0 kW
  - RXYMQ8AY1: 22.4 kW
  - RXYMQ9AY1: 24.0 kW
- **Heating Capacity:**
  - RXYMQ5PV4A: 16.0 kW
  - RXYMQ6AV4A: 18.0 kW
  - RXYMQ8AY1: 25.0 kW
  - RXYMQ9AY1: 26.0 kW
- **Power Supply:**
  - RXYMQ5PV4A: 1-phase, 230-240 V, 50 Hz
  - RXYMQ6AV4A: 1-phase, 230-240 V, 50 Hz
  - RXYMQ8AY1: 3-phase, 380-415 V, 50 Hz
  - RXYMQ9AY1: 3-phase, 380-415 V, 50 Hz

### Note:
1. Indoor units come standard with a wireless remote controller, excludes FFQ-B, FXDYQ-MA, FXMQ-P & FXSQ-PA. Either a wired or wireless controller needs to be purchased separately.
2. Individual indoor unit capacity output may vary depending on system configuration and operating conditions.
Daikin’s VRV-S wired controllers provide ultimate control of your indoor units to suit your lifestyle needs. Featuring intuitive interfaces for easy operation and a clean minimalistic design that is able to blend seamlessly into your home’s decor.

**FEATURES**

1. Clear, backlit display with easy-to-read text
2. Weekly schedule timer with maximum 5 actions per day
3. Holiday function select the days for which the schedule will be disabled
4. Set temperature limit, to predefine a temperature range for cooling or heating cycle, helping you reduce your energy consumption
5. Off Timer, programmable in 10 minute increments from 30 minutes to 180 minutes

**MODEL NO:**

- BRC1E63, BRC073A4
- DCS303A51

**COMFORT AT YOUR FINGERTIPS**

**CENTRAL CONTROLLER**

- Power-Airflow Dual Flags
- Wide-Angle Louvers
- 3D Airflow
- Comfort Airflow Mode
- Indoor Unit Quiet Operation
- Intelligent Eye
- 2 Area Intelligent Eye
- Program Dry Function
- Auto Fan Speed
- Hot Start
- Eco Mode
- Inverter Powerful Operation
- Home Leave Operation
- Backlit Wireless Remote Controller
- Indoor Unit On/Off Switch
- Titanium Apatite Odourizing Filter
- Air-Purifying Filter
- Wipe-Clean Flat Panel
- Filter Cleaning Indicator

**WIRED CONTROLLER**

- 24 Hour On/Off Timer
- 72 Hour On/Off Timer
- Weekly Timer
- Night Set Mode

**SPECIFICATIONS**

**INDOOR UNITS**

**FEATURES CHECKLIST**

- **ZEBA**
- **WALL MOUNTED**
- **BULKHEAD MOUNTED**
- **CEILING CONCEALED**
- **STANDING**
- **SUSPENDED**
- **COMPACT CASSETTE**

- **Power-Airflow Dual Flags**
- **Wide-Angle Louvers**
- **3D Airflow**
- **Comfort Airflow Mode**
- **Indoor Unit Quiet Operation**
- **Intelligent Eye**
- **2 Area Intelligent Eye**
- **Program Dry Function**
- **Auto Fan Speed**
- **Hot Start**
- **Eco Mode**
- **Inverter Powerful Operation**
- **Home Leave Operation**
- **Backlit Wireless Remote Controller**
- **Indoor Unit On/Off Switch**
- **Titanium Apatite Odourizing Filter**
- **Air-Purifying Filter**
- **Wipe-Clean Flat Panel**
- **Filter Cleaning Indicator**

**OUTDOOR UNITS**

**MODEL**

- **RXYM03AV4**
- **RXYM04AV4**
- **RXYM05AV4**
- **RXYM06AV4**
- **RXYM07AV1**
- **RXYM08AV1**

**SPECIFICATIONS**

- **Cooling Capacity**
- kW: 9.0, 11.2, 14.0, 14.0, 16.0, 22.4, 24.0
- **Heating Capacity**
- kW: 10.0, 12.5, 14.0, 16.0, 18.0, 25.0, 26.0

- **Power Consumption**
- Cool/kW: 2.44, 2.88, 3.93, 3.97, 4.14, 5.94, 6.88
- Heat/kW: 2.28, 2.60, 3.04, 4.09, 4.07, 6.25, 6.82

- **Capacity Control**
- 24 to 100%
- 16 to 100%
- 24 to 100%
- 16 to 100%
- 20 to 100%

- **Compressor Type**
- Hermetically sealed swing
- Hermetically sealed scroll

- **Airflow rate**
- L/s: 1,267

- **Dimensions (HxWxD)**
- mm: 980x400x320, 1,345x900x320, 1,430x940x320

- **Weight**
- kg: 71, 82, 125, 104, 138

- **Sound Level (Cool/Heat)**

- **Sound Power**
- dB(A): 69, 70, 71, 73, 75, 76

- **Operation Range**
- Cool: -15°C to +35°C
- Heat: -20 to 15.5°C

- **Refrigerant Type**
- R-410A

- **Charge/Ag**
- 2.9, 3.4, 4.0, 3.6, 5.8

- **Piping Connections**
- Liquid/In: Ø15.5 (Flare)
- Gas/In: Ø15.5 (Flare), Ø19.0 (Brazing), Ø19.0 (Flare), Ø22.2 (Brazing)

**Note:**

1. Specifications are based on the following conditions:
   - Cooling: Indoor temp: 27°CDB, 19°CWB, Outdoor temp: 35°CDB. Equivalent piping length: 7.5m, Level difference: 0m
   - Heating: Indoor temp: 20°CDB. Outdoor temp: 7°CDB, 6°CWB, Equivalent piping length: 7.5m, Level difference: 0m

2. Sound level: Anechoic chamber conversion value, measured at a point 1m in front of the unit at a height of 1.5m and may differ once the unit is installed due to ambient conditions

3. For complete range of indoor units, specifications, features and piping schematic of the VRV-S product, please refer to Daikin’s VRV IV-S Brochure.
ENVIRONMENTAL CERTIFICATIONS

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
Ship Plant (Japan)
Sakai Plant (Japan)
Daikin Industries Ltd (Thailand)
Yodogawa Plant (Japan)
Daikin Australia Pty. Ltd.

Certificate number: EC99J2044
Certificate number: JQA-E-80009
Certificate number: EC99J2057
Certificate number: CEM20437

Daikin Australia Pty Limited
(QIS 9001)
QEC 22655 May 12, 2006
Sydney, Brisbane, Adelaide,
Melbourne, Newcastle,
Townsville, Perth

Certificate number: CEM20437

Daikin Europe N.V (ISO 9001)
Lloyd 9209181 1 June 2, 1993

Daikin Industries (Thailand) Ltd
JQA-1462 September 13, 2002
(ISO 9001)

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 practices.

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.

Residential Air Conditioning Manufacturing Div (ISO 9001)
JQA-0485 May 2, 1994
(Shiga Plant)

Commercial Air Conditioning and Refrigeration Manufacturing Div (ISO 9001)
JMV107 December 28, 1992
(Kanagawa Factory and Rinkai Factory at Sakai Plant)

Industrial System and Chiller Products Manufacturing Div (ISO 9001)
JQA-0495 May 16, 1994
(Yodogawa Plant and Kanagawa Factory at Kishiwada Factory)

Daikin Australia Pty Limited
(ISO 9001)
QEC 22655 May 12, 2006
Sydney, Brisbane, Adelaide,
Melbourne, Newcastle,
Townsville, Perth

Certificate number: CEM20437

Quality
ISO 9001

Daikin Europe N.V (ISO 9001)
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Daikin Industries (Thailand) Ltd
JQA-1462 September 13, 2002
(ISO 9001)

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.