



HEATING AND COOLING SOLUTIONS

## **VRV** *Urban Series*

ULTIMATE CONTROL AND  
FLEXIBILITY TAILORED TO  
YOUR HOME



# Welcome TO YOUR **VRV** *Urban Series* HOME





Look inside to see why Daikin's VRV Urban Series multi split air conditioning system is the ideal solution for the contemporary home.



# VRV Urban Series

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.



## ADVANCED TECHNOLOGY

VRV Urban Series incorporates the latest technology from our VRV commercial heat pumps including remarkable energy efficiency, quiet operations and long piping runs of up to 100 metres<sup>1</sup> 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<sup>2</sup> 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.



## WHISPER QUIET

VRV Urban Series 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 (RXVMQ4AV4A Model) for minimal impact to the neighbours.



## 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.<sup>3</sup>

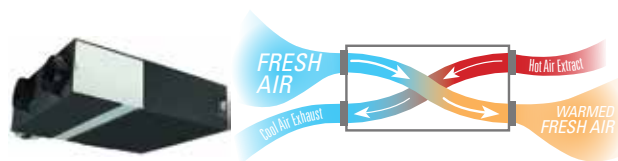


## INTELLIGENT COMFORT

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 UNITS

Daikin's VRV Urban Series is compatible with an extensive range of indoor units.



### FRESH AIR HEAT RECOVERY | Ventilation Unit

Model Name	VAM-HVE
Application	- Introduce fresh air into your home while conserving heat with a Daikin VAM Unit.



### CEILING MOUNTED BUILT-IN | Ducted

Model Name	FXSQ-PAVE
Capacity Range	2.2-16.0kW
Application	- Wide capacities available in a compact size with 245mm height, ideal for open plan areas and installation in tight ceiling spaces - Airflow is automatically adjusted to deliver superior comfort



### SINGLE FLOW CEILING MOUNTED | Cassette

Model Name	FXEQ-AV36
Capacity Range	2.2-7.1kW
Application	- The FXEQ-AV36 series is a slim body, discreet single flow ceiling mounted cassette ideal for installation into tight ceiling spaces of as low as 255mm.



FOR LARGER  
HOMES AND  
COMPLEX  
INSTALLATIONS

14<sup>2</sup> CONNECT UP TO 14  
INDOOR UNITS TO A  
SINGLE OUTDOOR UNIT



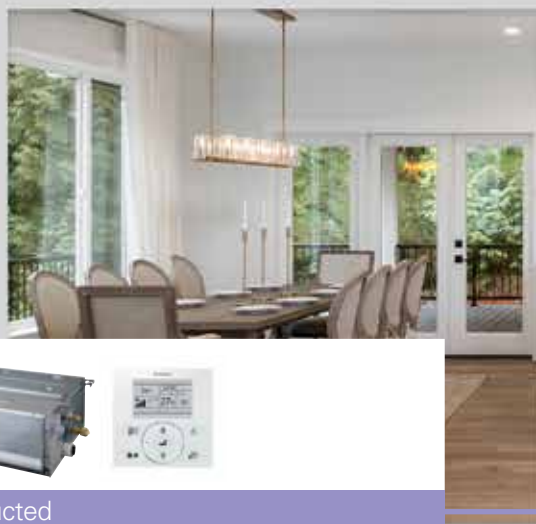
#### ZENA | Highwall

Model Name CTXG-P

Capacity Range 3.5-5.0kW

Application

- Designer series to suit small to mid sized contemporary rooms
- Available in silver or pure white matte finish
- 2 Area Intelligent Eye for draft free comfort and energy saving operations



#### BULKHEAD | Ducted

Model Name FXDQ-SPV1

Capacity Range 2.2-7.1kW

Application

- The FXDQ-SPV1 series are a range of low profile bulkhead with emphasis on quiet air conditioning and ease of installation in drop ceilings.

10kW  
-TO-  
26kW

RATED HEATING  
CAPACITIES

6

OUTDOOR  
MODELS



#### FLOOR STANDING | Floor Mounted

Model Name FVXS-K

Capacity Range 2.5-5.0kW

Application

- Compact size with a 600mm height, ideal for placement under a window sill, or semi-recessed into an unused fireplace
- Dual duct discharge offers superior heating performance



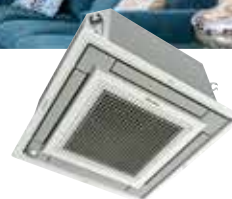
#### WALL MOUNTED | Highwall

Model Name FXAQ-A

Capacity Range 2.2-7.1kW

Application

- Wide range up to 7.1kW, suitable for larger rooms
- Stylish flat panel design creates a graceful harmony that enhances any interior space



#### COMPACT CASSETTE | Ceiling

Model Name FXZQ-AVM

Capacity Range 2.2-5.6 kW

Application

- 4 way airflow delivers even temperatures over open plan areas
- Dimensions correspond with 600mm x 600mm architectural module ceiling design specifications



# CONTROLLERS

Daikin's VRV Urban Series 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.



MODEL NO:  
BRC1E63, BRC073A4



**White**  
RAL 9003  
(Glossy)  
BRC1H62W



**Black**  
RAL 9005  
(Matt)  
BRC1H62K

## WIRED CONTROLLER

- 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

## STYLISH CONTROLLER

- 1. Compact Design - Measuring just 85 x 85mm, Stylish Controller is extremely compact and will easily blend into your room's decor
- 2. Built-In Sensor and Status Indicator - Basic functions can be performed using the 3 on-screen touch buttons (Set point, Operation Mode etc)
- 3. User Friendly Interface - The new remote controller combines functionality and simplicity. The minimalistic touch button control enlarges the display and makes the remote controller both easy and enjoyable to use.

# OUTDOOR UNITS AND BRANCH PROVIDERS



## OUTDOOR UNIT

Model Name	RXYMQ3AV4A	RXYMQ4AV4A	RXYMQ5BVM	RXYMQ6BVM
Class	3.5	4	5	6
Cooling Capacity	9.0kW	11.2kW	14.0kW	16.0kW
Heating Capacity	10.0kW	12.5kW	14.0kW	16.0kW
Power Supply	1-phase, 230-240V, 50 Hz	1-phase, 230-240V, 50 Hz	1-phase, 230-240V, 50 Hz	1-phase, 230-240V, 50 Hz



2 PORT

3 PORT



## OUTDOOR UNIT

Model Name	RXYMQ8AY1	RXYMQ9AY1
Class	8	9
Cooling Capacity	22.4kW	24.0kW
Heating Capacity	25.0kW	26.0kW
Power Supply	3-phase, 380-415 V, 50 Hz	3-phase, 380-415 V, 50 Hz

## BRANCH PROVIDER (BP UNIT)

Model Name	BPMKS967A2	BPMKS967A3
Capacity Range	2	3
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	

- 1. Applies to RXYMQ8AY1 and RXYMQ9AY1 models only
- 2. Please refer to the 'Outdoor Units' table for the maximum number of connectable indoor units for each outdoor unit model
- 3. User can select the unit to operate in either cooling or heating mode, not both cooling and heating simultaneously

### Notes:

Residential indoor units come standard with a wireless remote controller (FVXS-K, FDXS-C and FXAQ-A), either a wired or wireless controller needs to be purchased separately. Individual indoor unit capacity output may vary depending on system configuration and operating conditions

All residential indoor units are required to be connected to a branch provider (BP).

## FEATURES CHECKLIST

### INDOOR UNITS

	ZENA (CTXG-P)	WALL MOUNTED (FTXS-K)	BULKHEAD (CDXS-EA, FDXS-C)	CEILING MOUNTED (FXSQ-PA)	CEILING CONCEALED (FXDYO-MA, FXMQ-P)	FLOOR STANDING (FVXS-K)	SUSPENDED DUAL (FLXS-B(G))	COMPACT CASSETTE (FFQ-B)
Power-Airflow Dual Flaps	✓	✓						
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	✓	✓	✓	✓	✓	✓	✓	✓
Econo Mode	✓	✓				✓		
Inverter Powerful Operation	✓	✓	✓			✓	✓	
Home Leave Operation			✓	✓	✓		✓	
Backlit Wireless Remote Controller	✓	✓						
Indoor Unit On/Off Switch	✓	✓	✓			✓	✓	
Titanium Apatite Deodorising Filter	✓	✓						
Air-Purifying Filter						✓	✓	
Wipe-Clean Flat Panel	✓	✓						
Filter Cleaning Indicator								✓
24 Hour On/Off Timer	✓	✓	✓	✓	✓	✓	✓	
72 Hour On/Off Timer								✓
Weekly Timer	✓	✓		✓	✓	✓		
Night Set Mode	✓	✓	✓			✓	✓	

## SPECIFICATIONS

### OUTDOOR UNITS

MODEL		RXYMQ3AV4A	RXYMQ4AV4A	RXYMQ5BVM	RXYMQ6BVM	RXYMQ8AY1	RXYMQ9AY1
Power Supply		1-phase, 230-240 V, 50 Hz				3-phase, 380-415 V, 50 Hz	
Cooling Capacity	kW	9.0	11.2	14.0	16.0	22.4	24.0
Heating Capacity	kW	10.0	12.5	14.0	16.0	25.0	26.0
Power Consumption	Cool/kW	2.44	2.88	3.83	4.51	5.94	6.88
	Heat/kW	2.28	2.60	3.04	3.59	6.25	6.82
Capacity Control		24 to 100%		16 to 100%	16 to 100%	20 to 100%	
Compressor	Type	Hermetically sealed swing				Hermetically sealed scroll	
Airflow Rate	L/s	1,267		1,350	1,333	2,333	
Dimensions (HxWxD)	mm	990x940x320				1,430x940x320	
Weight	kg	71		82	104	138	
Sound Level (Cool/Heat)	dB(A)	51/52	52/54	53/54	55/56	57/58	58/59
Sound Power	dB(A)	69	70	74	76	75	76
Operation Range	Cool/°CDB	-5 to 46					
	Heat/°CWB	-20 to 15.5					
Refrigerant	Type	R-410A					
	Charge/kg	2.9		3.4	4.0	5.8	
Piping Connections	Liquid/mm	Ø9.5 (Flare)				Ø9.5 (Brazing)	
	Gas/mm	Ø15.9 (Flare)			Ø19.1 (Flare)	Ø19.1 (Brazing)	Ø22.2 (Brazing)

Notes: 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

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

For complete range of indoor units, specifications, features and piping schematic of the VRV Urban Series product, please refer to Daikin's VRV Urban Series Brochure

