

Breathe Health
with Daikin
Air-Conditioning



PRODUCT CATALOGUE

RESIDENTIAL AND COMMERCIAL
AIR CONDITIONING SYSTEMS

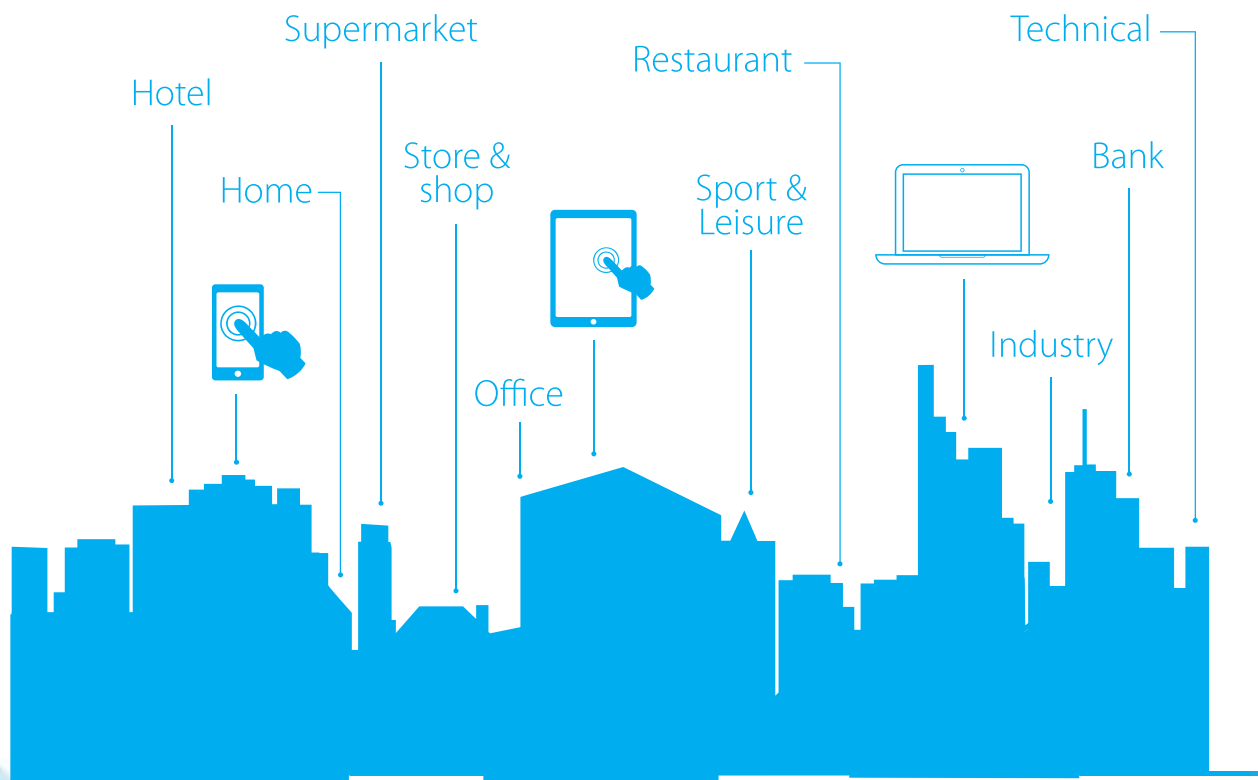
Daikin World

Daikin is a leading manufacturer and supplier of heating, ventilation, air conditioning, and refrigeration solutions for residential, commercial, and industrial markets

With over 100 years of experience in air conditioning and climate control, we understand what it takes to create the perfect indoor environment

Our high-quality products are designed to deliver maximum comfort, superior energy efficiency, and long-term reliability

As an innovation leader, we ensure that our products and services help you achieve your perfect climate



**WORLD'S LEADING AIR CONDITIONING
COMPANY FROM JAPAN**



**ONE NATION.
ONE COOLING SOLUTION.**

WIDEST RANGE. WIDEST PRESENCE.



WALL MOUNTED AIR CONDITIONERS



CEILING CASSETTE

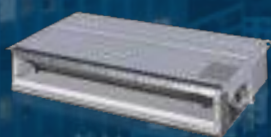


CHILLERS



VRV

VRV



DUCTED SPLIT UNIT



FLOOR STANDING AIR CONDITIONERS

Reasons to bring Daikin home

Dew Clean Technology Cleans the indoor heat exchanger automatically Ensures hygiene & maintains clog-free heat exchanger for a better airflow.	Econo Mode* Reduces energy consumption Optimises cooling capacity. *Applicable models: All series.	Hepta Sense Automated operations The 7 Sensors on the IDU & ODU improve overall performance, provide convenience & increases the durability of the AC.	Stabilizer Inside* Operation No worry on voltage fluctuation Regulates voltage across a wide range of fluctuation (130V~285V). Smooth operations during voltage fluctuations. *Applicable for inverter models only.	Coanda Airflow Even airflow distribution to every corner of the room Optimises flap position of the indoor unit for radiant cooling. *Applicable models: All series.
DNNS Self Heal Coating Enhanced durability The DNNS coating forms a protective layer on the copper coils and offers exceptional defence against corrosion.	Power Chill Operation* Fast cooling than normal mode Immediate relief from hot temperatures.	Outdoor Power Supply* Protection against fire accidents No overheating of main cable inside room. *Applicable models: All series.	3D Airflow Uniform cooling at every corner It ensures steady air circulation to deliver even cooling and unmatched comfort.	Auto error detection in indoor unit display AC issues identification that no longer requires technician expertise.

Take Care of your world with Daikin — The Air Specialist



For your diverse air conditioning needs, we provide a wide range of ACs in various capacities.



From Patented Streamer Technology to 3 stage filtration, Daikin ACs guarantee quality air for your health & comfort.



Japanese technology meets Indian manufacturing for a reliable range of products to choose from.



Opt for energy-efficient products for a greener and cooler tomorrow.

GTQ Series



Power Chill
Operation



Coanda
Airflow



DNNS Self
Heal Coating



Econo
Mode



Self
Diagnosis

R-32

SPECIFICATIONS

Model name	Indoor unit	Outdoor unit	GTQ35TV16X2Z RQG35TV16X2Z	GTQ50TV16U2Z RQG50TV16U2Z	GTQ60TV16U2Z RQG60TV16U2Z
Power supply			1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)
Power supply intake			Outdoor unit	Outdoor unit	Outdoor unit
Cooling Capacity Rated	kW		3.35	5.20	6.40
	Btu/h		11450	17743	21800
Power Consumption Rated	W		971	1600	1855
EER	W/W		3.45	3.25	3.45
Operating current	Cooling	A	4.30	7.30	8.50
Indoor unit					
Panelcolor			White	White	White
Dimensions (H x W x D)			283 x 800 x 198	298 x 885 x 229	298 x 885 x 229
Package dimensions (H x W x D)		mm	340 x 855 x 265	375 x 980 x 325	375 x 980 x 325
Weight (Gross)		kg	9 (11)	12 (15)	12 (15)
Airflow rate		m ³ /min	10.6	15.1	16.6
Operation sound H/MH/M/ML/L/SL	Cooling	dBA	40/35/30	44/41/35	47/41/35

Model	Indoor Unit	Outdoor Unit	GTQ35TV16X2Z RQG35TV16X2Z
Power Supply			1φ, 50 Hz, 230 V
Capacity (Rated)	kW		2.5
	Btu/h		8,531
	kcal/h		2,150
Moisture Removal	L/h		0.5
Running Current (Rated)	A		3.86
Power Consumption (Rated)	W		862
Power Factor (Rated)	%		98
COP (Rated)	W/W		2.90
Piping Connections	Liquid	mm	φ 6.4
	Gas	mm	φ 9.5
	Drain	mm	I.D. φ 14, O.D. φ 16
Heat Insulation			Both Liquid and Gas Pipes
Max. Interunit Piping Length	m		15
Max. Interunit Height Difference	m		15
Chargeless	m		10
Amount of Additional Charge of Refrigerant	g/m		20



Econo Mode

This function limits both maximum running current and maximum power consumption. It is useful for preventing circuit breakers from being overloaded during temporary peaks in the running current. This function can be easily set from the remote controller.



Self-Diagnosis Function

The machine auto-detects the errors and shows the related code on the remote controller screen. If an error occurs, you can easily self-diagnose it and report it to your Daikin authorized service provider for a quick resolution.

FTKL Series



SMART
GEN



Hepta
Sense



DNNS Self
Heal Coating



Power Chill
Operation



Dew Clean
Technology



R-32

SPECIFICATIONS

Model name			Indoor unit	FTKL25UV16WZ	FTKL35UV16WZ	FTKL50UV16VZ	FTKL60UV16UZ
			Outdoor unit	RKL25UV16WZ	RKL35UV16WZ	RKL50UV16VZ	RKL60UV16UZ
Power supply			1φ 50Hz 230 V (220-240 V)				
Power supply intake			Outdoor unit				
Cooling capacity	Rated Full/Half	kW		2.5/1.2 5	3.5/1.7 5	5/2. 5	6/3
	(min.~max.)			1/2. 8	1.07/3. 7	1.75/5. 2	2/6
Cooling capacity	Rated Full/Half	Btu/h		8530.25/4265. 1	11942/597 1	17060/853 0	20473/1023 6
	(min.~max.)			3412/955 4	3651/1262 5	5971/1774 3	6824/2047 3
Power consumption Rated Full/ Half (min.~max.)		Cooling	W	782/28 2	1148/38 5	1637/55 7	1965/66 0
			W	240/95 0	210/120 0	375/175 0	495/196 5
OOP (Full/ Half)		Cooling	W/W	3.19/4.4 3	3.04/4.5 5	3.05/4.4 9	3.05/4.5 5
Voltage Range		Cooling	V	130~28 5			
Operating current		Cooling	A	3.58	5.25	7.49	8.99

HP	1	1.5	2	2.5
Generator Capacity	0.5KVA	0.7KVA	0.9KVA	1.1KVA

*Rating of Generator power factor at 0.9 & L5 Gen. mode setting.

FTKF Series



Econo Mode



Fast Cooling



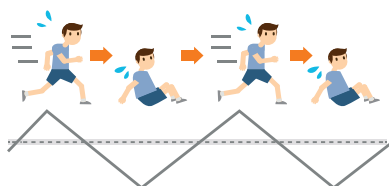
Energy Efficient

R-32

SPECIFICATIONS

Model	Indoor unit		FTKF25AV1	FTKF35AV1	FTKF50AV1	FTKF60AV1
	Outdoor unit		RKF25AV1	RKF35AV1	RKF50AV1	RKF60AV1
Cooling capacity	Rated (Min-Max)	Btu/h	9,000 (3,400 - 9,200)	12,300 (4,100 - 13,000)	18,000 (5,200 - 18,500)	24,000 (6,600 - 24,500)
		kW	2.64 (1.00 - 2.70)	3.60 (1.20 - 3.81)	5.28 (1.52 - 5.42)	7.03 (1.93 - 7.18)
Power supply		V/Ph/Hz	220-240V/1 phase /50Hz (Power from Indoor)			
Running current	Rated	A	3.93	5.37	8.24	8.61
Power consumption	Rated	W	860	1,200	1,880	1,965
Refrigerant			R32			
EER		W/W	3.07	3.00	2.81	3.58
Indoor	Airflow	H	cfm	340	400	430
	Sound pressure level	H/M/L/Quiet	dB(A)	39/33/26/21	39/34/26/21	42/39/32/29
	Dimensions	H x W x D	mm	280 x 730 x 213	288 x 770 x 234	288 x 770 x 234
	Machine weight		kg	8.5	9.0	9.5
Outdoor	Sound pressure level		dB(A)	48	49	52
	Dimensions	H x W x D	mm	418 x 695 x 244	550 x 658 x 273	615 x 845 x 300
	Machine weight		kg	19.0	21.0	33.0
						37.0
Piping connections	Liquid	mm	6.4			
	Gas	mm	9.5		12.7	
Maximum piping length		m	20		30	
Maximum piping elevation		m	15		20	

Non Inverter



Non Inverter can be represented by a person who is constantly switching between fast running and stopping which wastes a lot of energy.

Inverter



Inverter can be represented by a person who is jogging lightly but in a steady pace which allows the person to save energy for the long run.

FVRN Series



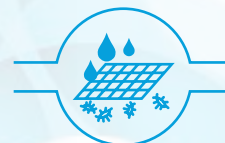
SELECTABLE
FAN SPEED



QUIET MODE



WITH WIRELESS
CONTROLLER*



WASHABLE
SARANET FILTER



DRY MODE

R-410A

Available in 3 and 5 HP
Cooling Capacity

> Up to 25m Long Air Throw

SPECIFICATIONS

Indoor Model Name			FVRN71AXV	FVRN125AX
Outdoor Model Name			RR71CGXV	RR125DGX
Nominal Cooling Capacity	Btu/h		28000	45000
	kW		8.21	13.19
Nominal EER	W/W		2.89	2.82
Indoor	Power Supply	V/Ph/Hz	220-240/1/50	220-240/1/50
	Air Flow	cfm	675/625/530	1035/935/835
	Sound Pressure Level	dBA	44/42/39	50/48/46
	Height	mm	1850	1850
	Width	mm	600	600
	Depth	mm	270	350
	Net Weight	kg	42	48
	Power Supply	V/Ph/Hz	220-240/1/50	380-415/3/5
Outdoor	Sound Pressure Level	dBA	58	60
	Height	mm	753	852
	Width	mm	855	1030
	Depth	mm	328	400
	Net Weight	kg	57	98
	Pipe Connection- Liquid	mm	9.52	9.52
	Pipe Connection- Gas	mm	15.88	15.88
Max. Allowable Length		m	45	45
Max. Allowable Elevation		m	25	25

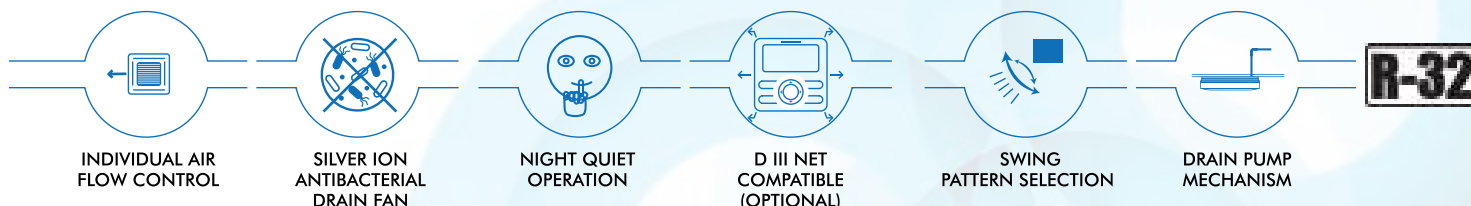
FCQF Series



ROUND FLOW

R-32

Available in 2HP, 2.5HP, 3HP, 4HP & 5HP
Cooling Capacity



SPECIFICATIONS- 3X3 Cassette Type

UNIT	PRODUCT CATEGORY		CASSETTE SERIES					
	Product Class	-----	18	24	30	36	42	
	Nominal Capacity	TR	1.5	2.0	2.5	3.0	3.5	
	Rated Capacity	KW	5.30	7.03	8.79	10.50	12.31	
	Rated Capacity	BTU/Hr	18000	24000	30000	36000	42000	
	Rated Power Input	KW	1.45	1.93	2.41	3.04	3.80	
	COP			3.65		3.45	3.24	
	StarAppliable (As per KS 2463- 20 1)	-----	3 Star	3 Star	3 Star	2 Star	1 Star	
	Operating Range	IDU (DB)°C	19~35					
	Operating Range	ODU (DB)°C	19~48					
IDU	Model Number	-----	FCQF18ARV1	FCQF24ARV1	FCQF30ARV1	FCQF36ARV1	FCQF42ARV1	
	Casing Size	HXWxD(MM)	256X840X840		298X840X840			
	Power Supply	V/Hz/Ph	220-240V/50/1ph					
	Air Flow Rate (High)	CFM/(H)	812		1218		1288	
	Fan Speed	No	5					
	Sound Pressure Level (High)	(dBA)	37		45		46	
	Net Weight	Kg	22		24			
	Piping Connection(Liquid)	mm	6.35(Dia)		9.5(Dia)			
	Piping Connection(Gas)	mm	12.7(Dia)	15.9(Dia)				
	Drain	mm	32(External Dia)/25(Internal Dia)					
PANEL (White)	Model Number	-----	BYCQ48EAF					
	Casing Color	-----	FRESH WHITE					
	Size	mm	50X950X950					
REMOTE	Weight	kg	5.5					
	Wireless(Standard)	-----	ARC91A154					
	Wired	-----	Not Available					

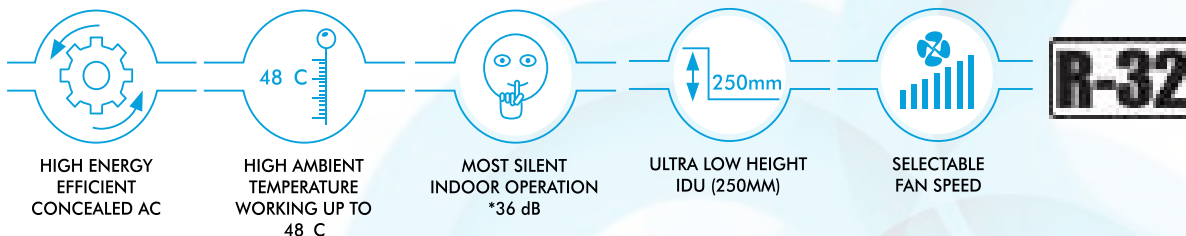
CIRCULATION AIRFLOW

Cools the entire space to provide consistent comfort that never feels harsh or cold.

Cooling operation repeatedly performs the following at start.

- 2-way horizontal flow
- 4-way swing flow
- 2-way horizontal flow (direction changes)
- 4-way swing flow

FDMF/FDBF Series



TECHNICAL SPECIFICATIONS-Ceiling Concealed Duct Type

UNIT	Product Category	Unit	LSP DUCT SERIES TYPE			MSP DUCT SERIES TYPE			
	Nominal Capacity	TR	1.0	1.5	2.0	2.5	2.8	3.5	4.0
	Rated Capacity	Watt	3516	5274	7032	8790	9845	12306	14064
	Rated Capacity	BTU/Hr	12000	18000	24000	30000	33600	42000	48000
	Rated Power Input	Watt	1090	1740	2050	2710	3120	3950	4630
	COP	W/W	3.23	3.03	3.43	3.24	3.16	3.12	3.04
IDU	Operating Range	IDU (DB/ WB)°C	19/14~35/24			19/14~35/24			
		ODU	19 ~48			19 ~48			
	Model Number	-----	FDBF12CRV1	FDBF18CRV1	FDBF24CRV1	FDMF30CRV1	FDMF36CRV1	FDMF42CRV1	FDMF48CRV1
	Casing Size (HXWXD)	MM	250X880X605		250X1130X605	295X1430X665			
	Power Supply	V/Hz/Ph	220-240V/50/1ph			220-240V/50/1ph			
	Air Flow Rate (High)	CFM	400	600	800	1000	1200	1400	1500
	ESP	Pa	20			20	30	40	50
	Fan Speed	No	3			3			
	Sound Pressure Level (High)	(dBA)	38	41	43	43	46	47	49
	Remote Controller (With IDU)		Wired Type-Standard						
	Net Weight	Kg	31	31	34	50	55	55	69

SELF DIAGNOSIS FEATURES

The microprocessor provides the possibility to detect and to diagnose any faults that occurs in the system. Faults are displayed as error code in the wired controller. This will ease the troubleshooting process.

DOUBLE PROTECTION DRAINAGE SYSTEM

The primary drain pan is designed with high thermal insulation material and moulded in gradient for better condensate water drainage. The extra secondary drain pan [built-in] to the standard unit offers extra protection against possible water leaking problems.

Available in 1.5 HP, 2HP, 2.5HP, 3HP, 4HP & 5HP Cooling Capacity

Equipped with Advanced Technology
that results in high energy efficiency

VRV X



World's most advanced **VRV X**
airconditioning system with
Innovative VRT technology.

EXTENSIVE RANGE
Outdoor units lineup to 48HP
Variety of indoor units
Possibility to connect
fresh air handling units

EXTENDED RELIABILITY
Refrigerant-cooled PCB
VRV Configurator

EXTENSIVE RANGE
4-sided, 3 rows heat
exchanger with
anti-corrosion coating
on fins



XTENSIVE RANGE

EXTRA POWER SAVINGS

EXCELLENT TECHNOLOGY

EXTENDED RELIABILITY

New series with compact and light weight design

6 HP-60 HP with 28 models lineup

VRV X



Installation Space	0.95 m ²
Product Weight	285 kg

Lineup

HP	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60
Cooling only																												

This technological innovation gives the user the advantage
of better comfort, while working further towards creating a sustainable environment.

Setting Daikin's new standards in indoor comfort and efficiency

VRV INDOOR

An extensive range of indoor units, including advanced VRV and residential models, engineered to deliver flexible, reliable air-conditioning solutions for a wide variety of customer needs

Ceiling Mounted Cassette (Round Flow) FXFSQ-A  360° airflow improves temperature distribution and offers a comfortable living environment. 	Ceiling Mounted Cassette (Compact Multi Flow) Type FXZQ-BVM Unique design in the market that integrates fully flat into the ceiling  	Wall mounted unit FXAQ-ARVM  Stylish flat panel design harmonized with your interior decor
Slim Concealed Ceiling Duct FXDQ-PDVM  FXDQ-NDVM  Slim design, quietness and static pressure switching 	Medium Static Concealed Ceiling Duct FXSQ-A  Slimmest yet most powerful medium static pressure unit on the market	High Static Concealed Ceiling Duct FXMQ-PBV  FXMQ-NVE  High external static pressure allows flexible installations
Ceiling Concealed Outdoor Air Processing Unit FXMQ-NF  100% fresh air intake possible Operation Range -5°C to 43°C Up to 225Pa external static pressure allows extensive duct workruns and flexible application: ideal for use in large areas	Heat reclaim ventilation VAM-HVE  Energy saving ventilation using indoor heating, cooling and moisture recovery. Wide range of units: air flow rate from 150 up to 2,000 m³/h	Ceiling suspended unit FXHQ-A  For wide rooms with no false ceilings nor free floor space
Ceiling Mounted Cassette Corner Type FXEQ-AVE  Slim design for flexible installation		

VRV INDOOR

Enhanced Range Of Choices

A variety of VRV indoor units are enabled in one system, opening the door to stylish and quiet indoor units.

VRV Indoor Units

15 types 77 models

Type	Model Name	Capacity Range Capacity Index	0.8 HP 20	1 HP 25	1.25 HP 31.25	1.6 HP 40	2 HP 50	2.5 HP 62.5	3 HP 71	3.2 HP 80	4 HP 100	5 HP 125	6 HP 140	7 HP 170	8 HP 200	10 HP 250	16 HP 400	20 HP 500
Ceiling Mounted Cassette (Round Flow with Sensing) (Optional)	VRT FXFQ-SVM			●	●	●	●	●		●	●	●						
Ceiling Mounted Cassette (Round Flow)	FXFQ-AVM			●	●	●	●	●		●	●	●	●					
Ceiling Mounted Cassette (Compact Multi Flow)	VRT FXZQ-MVE		●	●	●	●	●											
Ceiling Mounted Cassette (Double Flow)	VRT FXCQ-MVE		●	●	●	●	●	●		●		●						
Ceiling Mounted Cassette Corner	FXEQ-AV		●	●	●	●	●	●										
Slim Ceiling Mounted Duct	VRT FXDQ-PBVE (with drain pump) (700 mm width type)		●	●	●													
	VRT FXDQ-NBVE (with drain pump) (900/1,100 mm width type)					●	●	●										
Ceiling Mounted Duct	New FXMQ-PBV36 VRT Smart Control I		●	●	●	●	●	●		●	●	●	●					
	VRT FXMQ-NVE													●	●	●		
Ceiling Suspended	FXHQ-MAVE				●			●			●							
4-Way Flow Ceiling Suspended	VRT FXUQ-AVEB							●			●							
Wall Mounted	VRT FXAQ-PVE		●	●	●	●	●	●										
Floor Standing	FXLQ-MAVE				●		●	●										
Concealed Floor Standing	VRT FXNQ-MAVE				●		●	●										
Floor Standing Duct	VRT FXVQ-NY16											●			●	●	●	●

Ceiling Mounted Duct Type

FXMQ-PBV36



FXMQ-NVE



High external static pressure allows flexible installations



4-Way Flow Ceiling Suspended Type

FXUQ-AVEB



This slim and stylish indoor unit achieves optimum air distribution, and can be installed without the need for ceiling cavity.



Providing perfect Comfort for home

VRV HOME



- RELIABILITY
- USER COMFORT
- DESIGN FLEXIBILITY
- ENERGY EFFICIENCY
- LOW NOISE
- CONTEMPORARY
- EASY INSTALLATION

OUTDOOR LINE-UP

6 models: Outdoor unit can be selected from six models to provide the power that suits your needs. The trunk-shaped outdoor unit can be neatly installed outside.

Note

- ▲ - 1 phase power supply
- - 3 phase power supply



APPLICATION

SINGLE-PHASE POWER SUPPLY

The 4, 5 & 6 HP Outdoor Units, as well as indoor units, operate on a single-phase power supply. This enables VRV HOME adaptation at residences where 3 phase power supply is not available.



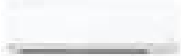
OUTDOOR UNIT CAN BE INSTALLED ON BALCONY
OUTDOOR UNIT CAN BE INSTALLED ON MECHANICAL ROOM
OUTDOOR UNIT CAN BE INSTALLED ON THE ROOF

Model Name	Product Image	Capacity(HP)					
		4	5	6	8	10	12
RXQ-ARV1 1 phase power supply Side Discharge, Single Fan		▲	▲				
RXMQ-ARV1 1 phase power supply Side Discharge, Single Fan				▲			
RXMQ-ARY1 3 phase power supply Side Discharge, Single Fan					●		
RXMQ-ARY1 3 phase power supply Side Discharge, Double Fan						●	●

VRV SERIES, PROVIDING PERFECT COMFORT FOR HOME

VRV HOME INDOOR

A variety of VRV indoor units are enabled in one system, opening the door to stylish and quiet indoor units.

Type	Model Name	Capacity Range HP	0.6	0.8	1	1.25	1.6	2	2.5	3.2	4	5	6
		Capacity Index	15	20	25	32	40	50	63	80	100	125	140
Wall Mounted	FXAQ-ARVM			●	●	●	●	●	●				
Ceiling Mounted Cassette Round Flow	FXFSQ-ARV1				●	●	●	●	●	●	●	●	● NEW
Slim Ceiling Mounted Duct	FXDQ-PDVM			●	●	●							
	FXDQ-NDVM						●	●	●				
Low Static Concealed Ceiling Duct	FXMQ-ARV1						●	●	●	●	●		
High Static Concealed Ceiling Duct	FXMQ-PBV1						● NEW	●	●	●	●	●	
Medium Static Concealed Ceiling Duct	FXSQ-A2VEB		●	●	●	●	●	●	●	●	●	●	●

Wall Mounted Type

FXAQ-ARVM

Stylish flat panel design harmonized with your interior decor



Ceiling Mounted Cassette Round Flow

FXFSQ-ARV1

Individual flap control allows flexibility to suit every room layout without changing the location of the interior decor



Slim Ceiling Mounted Duct

FXDQ-PDVM



FXDQ-NDVM



Slim design, quiet and static pressure switching



Concealed Ceiling Mounted Duct

FXMQ-PBV1



FXMQ-ARV1



FXSQ-A2VEB



Variety of the units with different external static pressure allow flexible & concealed installation



About Us

Since 1986, DaiTech Nigeria has built a strong reputation in the industry by delivering high-quality products and dedicated customer service. In 2023, DaiTech Nigeria was established as an independent entity, with a focus on providing the best possible air-conditioning solutions for homes, businesses, and a wide range of other applications.

We opened our flagship DaiTech Solutions Centre at Greenville Plaza, 10 Adeola Odeku Street, Victoria Island, Lagos, Nigeria, to enhance customer experience and product engagement.



We have been the official distributor of Daikin in Nigeria since 2015. As a global leader in HVAC technology, Daikin is

widely recognised for its innovation, reliability, and quality in air conditioning, heating, ventilation, and refrigeration (HVAC-R) solutions.

The new DaiTech Solutions Centre in Lagos showcases a comprehensive range of Daikin air-conditioning products, including split and multi-split systems, ducted systems, air purifiers, cassette units, and VRV systems, serving residential, commercial, and industrial applications



The Official Distributor of Daikin in Nigeria

Daitech Nigeria Limited

Greenville Plaza, 10 Adeola Odeku Street,
Victoria Island, Lagos, Nigeria.

info@daitechng.com www.daitechng.com

08141306355, 08100840425, 07048200005, 07048200006

f @daitechng