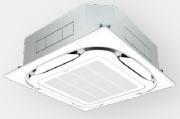
Daikin Flex Solutions

Heat Pump Inverter Solutions for Multiple Spaces



Cassette Indoor Unit

Optimal airflow distribution with control flexibility to suit any room layout

Wall Mounted Indoor Unit

Stylish flat panel design harmonised with any interior decor

Ducted Indoor Unit

Flexible & concealed installation even at limited spaces

Outdoor Unit

Slim trunk-shaped Outdoor Unit with variety of installation options

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Application

The Benefits of Pair, Twin & Triple Flex Solutions for Multiple Spaces

Air conditioning in every room

Pair, Twin & Triple Flex Solutions can provide cooling / heating / comfort for up to 3 indoor spaces using only one inverter outdoor unit thereby reducing installation space and cost. In addition, all indoor units can be individually controlled and do not need to be installed at simultaneously.

Reduction on Installation Space, Time & Cost

Optimized selection for standard Flex Solutions has been already made for you which saves your time & reduces expenses. All Triple Flex Solutions are equipped with New Daikin Header Pack, which uses flare connection for each Indoor Units outlet so that to save installation time & cost. Significant space savings are achieved using a trunk-shaped compact single outdoor unit that can be installed in limited spaces such as balcony, congested mechanical floor or roof.

The Widest Choice

Different types of indoor units – Wall Mounted, Concealed Ceiling, Cassettes can be selected for Pair, Twin & Triple application & can be accommodated in limited spaces

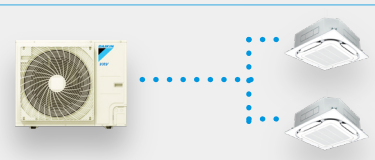
Ideal comfort in every room

Delivery of optimal efficiency and comfort in each room is guaranteed thanks to inverter technology which provides precise temperature control in any space.

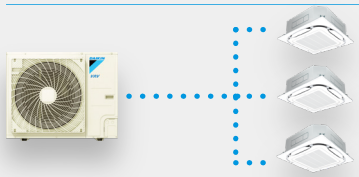
Depending on the premises design, it is possible to choose the combination of Indoor Units that suit your requirements.

Pair Flex Solution – combination of one Indoor Unit and one Outdoor Unit (can be used for one room premises)

Twin Flex Solution – combination of two Indoor Units and one Outdoor Unit (can be used for two rooms premises)



Triple Flex Solution – combination of three Indoor Units and one Outdoor Unit (can be used for three rooms premises)



All Pair, Twin & Triple Flex Solutions can use the combination of different types of Indoor Units such as Stylish Flat Panel Design Wall Mounted Units; Slim, Medium Static or High Static Concealed Ceiling Units; Round Flow Ceiling Mounted Cassette Units.

Daikin Flex Solutions Overview

Pair Flex Solution

Pair Flex Solution is a combination of one Indoor Unit and one Outdoor Unit which can be used for one room premises where high standards to the design are set so that concealed installation will be highly recommended. Daikin Stylish Round Flow Cassette Units with optimized airflow distribution or concealed ceiling ducted units for the false ceiling installation will be ideal solutions for such areas.

Outdoor Unit		
Model	HP	Capacity*
RXYMQ4AVMK	4 HP	7.8 kW
RXYMQ4AYFK	4 HP	9.4 kW
RXYMQ5AYFK	5 HP	11.4 kW
RXYMQ6AYFK	6 HP	12.9 kW

Option 1

Cassette Indoor unit	
Model	Qty
FXFSQ80ARV1	1
FXFSQ100ARV1	1
FXFSQ125ARV1	1
FXFSQ140ARV1	1

Option 2

Ducted Indoor unit	
Model	Qty
FXMQ80ARV1	1
FXMQ100ARV1	1
FXMQ125PBV1	1
FXMQ140PBV1	1

Option 1

Cassette Indoor Units

Optimal airflow distribution with control flexibility to suit any room layout

Option 2

Ducted Indoor Units

Flexible & concealed installation even at limited spaces

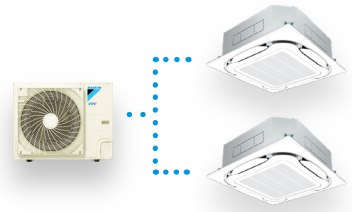
Twin Flex Solution

Twin Flex Solution is a combination of two Indoor Units and one Outdoor Unit which can be used for two room premises where there are limitations for Outdoor Unit installation. Multiple choices of Indoor Units such as Stylish Flat Panel Design Wall Mounted Units; Slim, Medium Static or High Static Concealed Ceiling Units; Round Flow Ceiling Mounted Cassette Units are available for selection

Option 1

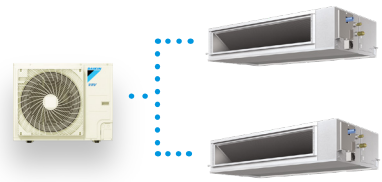
Outdoor unit		
Model	HP	Capacity*
RXYMQ4AVMK	4 HP	7.8 kW
RXYMQ4AYFK	4 HP	9.4 kW
RXYMQ5AYFK	5 HP	11.4 kW
RXYMQ6AYFK	6 HP	13.1 kW

Cassette Indoor Unit	
Model	Qty
FXFSQ40ARV1	2
FXFSQ50ARV1	2
FXFSQ63ARV1	2
FXFSQ80ARV1	2



Option 2

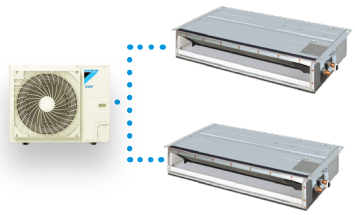
Ducted Indoor unit	
Model	Qty
FXMQ40ARV1	2
FXMQ50ARV1	2
FXMQ63ARV1	2
FXMQ80ARV1	2



Option 3

Outdoor unit		
Model	HP	Capacity*
RXYMQ4AVMK	4 HP	7.8 kW
RXYMQ4AYFK	4 HP	9.4 kW
RXYMQ5AYFK	5 HP	11.4 kW

Slim Ducted Indoor Unit	
Model	Qty
FXDQ40NDVM	2
FXDQ50NDVM	2
FXDQ63NDVM	2



Option 4

Wall Mounted Indoor Unit	
Model	Qty
FXAQ40ARVM	2
FXAQ50ARVM	2
FXAQ63ARVM	2

Daikin Flex Solutions Overview

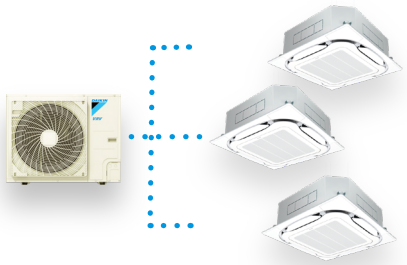
Triple Flex Solution

Triple Flex Solution is a combination of three Indoor Units and one Outdoor Unit which can be used for three room premises where there are limitations for Outdoor Unit installation. Multiple choices of Indoor Units such as Stylish Flat Panel Design Wall Mounted Units; Slim, Medium Static or High Static Concealed Ceiling Units; Round Flow Ceiling Mounted Cassette Units are available for selection.

Option 1

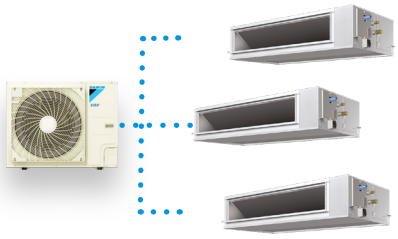
Outdoor unit		
Model	HP	Capacity*
RXYMQ4AVMK	4 HP	9.1 kW
RXYMQ4AYFK	4 HP	9.4 kW
RXYMQ5AYFK	5 HP	11.4 kW
RXYMQ6AYFK	6 HP	12.9 kW

Cassette Indoor Unit	
Model	Qty
FXFSQ32ARV1	3
FXFSQ32ARV1	3
FXFSQ40ARV1	3
FXFSQ50ARV1	3



Option 2

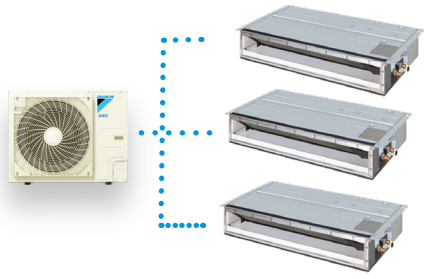
Ducted Indoor Unit	
Model	Qty
FXMQ40ARV1	3
FXMQ32ARV1	3
FXMQ40ARV1	3
FXMQ50ARV1	3



Option 3

Outdoor unit		
Model	HP	Capacity*
RXYMQ4AVMK	4 HP	9.1 kW
RXYMQ4AYFK	4 HP	9.4 kW
RXYMQ5AYFK	5 HP	11.4 kW
RXYMQ6AYFK	6 HP	12.9 kW

Slim Ducted Indoor Unit	
Model	Qty
FXDQ32PDVM	3
FXDQ32PDVM	3
FXDQ40NDVM	3
FXDQ50NDVM	3



Option 4

Wall Mounted Indoor Unit	
Model	Qty
FXAQ32ARVM	3
FXAQ32ARVM	3
FXAQ40ARVM	3
FXAQ50ARVM	3

Daikin Flex Solutions Overview

Outdoor Unit Details			Indoor Unit Details																					
			Cassette FXFSQ-ARV1								Ducted Type FXMQ-ARV1/PBV1							Slim Ceiling Duct FXDQ-PDVM/NDVM				Wall Mounted FXAQ-ARVM			
Model Name	HP	Capacity**	32	40	50	63	80	100	125	140	40	50	63	80	100	125	140	32	40	50	63	32	40	50	63
RXYMQ4AVMK	4 HP	up to 9.1 kW	③	②			①				②③			①				③	②			③	②		
RXYMQ4AYFK	4 HP	up to 9.4 kW	③		②			①			③	②			①			③		②		③		②	
RXYMQ5AYFK	5 HP	up to 11.4 kW		③		②			①		③		②			①			③		②		③	③	②
RXYMQ6AYFK	6 HP	up to 13.1 kW			②		②			①		③		②			①			③				③	

Notes:

① Pair Flex Solution
② Twin Flex Solution
③ Triple Flex Solution

* Customised solutions are available upon request
** Capacity at 46 deg.C ambient temperature, please refer to Selection Guide pages for more details

Pair Flex Solutions

Cassette Indoor Units

Outdoor Unit	Indoor Unit		Cooling Operation*						Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories	
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW		Capacity, Kw		Power Input, kW				
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller	Decorative Panel
RXYMQ4AVMK	FXFSQ80ARV1	1	4	7.8	7.8	6.3	3.31	0.092	10.0	10.0	2.68	0.092	865	BRC1H*	BYCQ125EAF9
RXYMQ4AYFK	FXFSQ100ARV1	1	4	9.4	9.4	8.1	3.38	0.164	12.3	12.3	2.80	0.144	1,183	BRC1H*	BYCQ125EAF9
RXYMQ5AYFK	FXFSQ125ARV1	1	5	11.4	11.4	9.2	4.29	0.170	15.6	15.6	3.67	0.159	1,218	BRC1H*	BYCQ125EAF9
RXYMQ6AYFK	FXFSQ140ARV1	1	6	12.9	12.9	10.5	4.90	0.194	16.0	16.0	4.24	0.183	1,254	BRC1H*	BYCQ125EAF9

Ducted Indoor Units

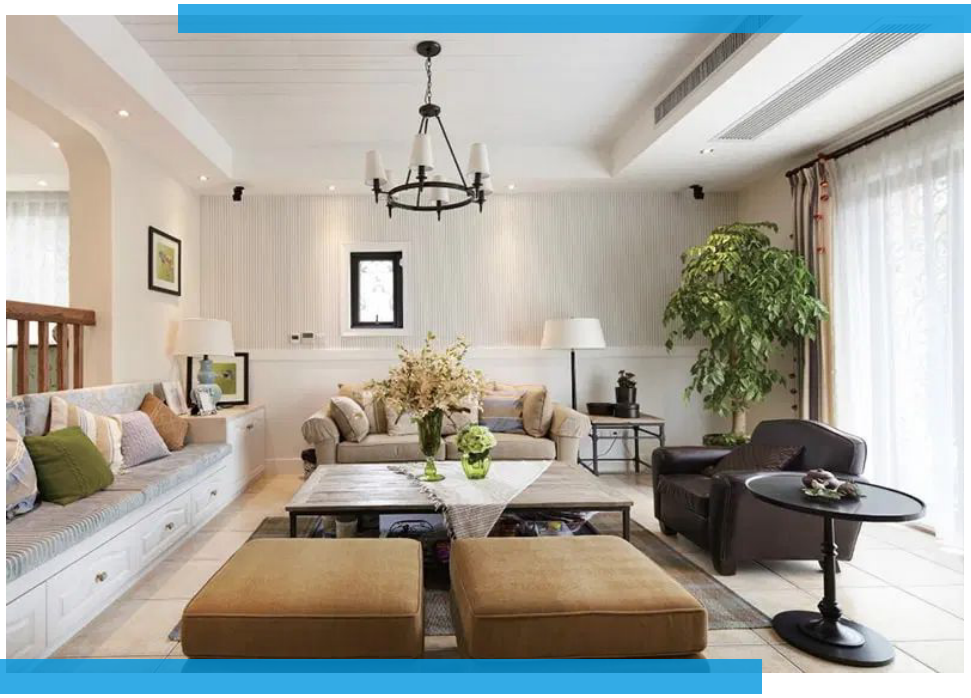
Outdoor Unit	Indoor Unit		Cooling Operation*						Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW		Capacity, Kw		Power Input, kW			
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller
RXYMQ4AVMK	FXMQ80ARV1	1	4	7.8	7.8	6.0	3.31	0.300	10.0	10.0	2.68	0.300	1,059	BRC1H*
RXYMQ4AYFK	FXMQ100ARV1	1	4	9.4	9.4	7.5	3.38	0.345	12.3	12.3	2.80	0.345	1,201	BRC1H*
RXYMQ5AYFK	FXMQ125PBV1	1	5	11.4	11.4	9.4	4.29	0.284	15.6	15.6	3.67	0.272	1,377	BRC1H*
RXYMQ6AYFK	FXMQ140PBV1	1	6	12.9	12.9	10.7	4.90	0.405	17.6	17.6	4.24	0.380	1,624	BRC1H*

Notes:

* Cooling Capacity at indoor temperature 24°CDB, 17°CDB; outdoor temperature 46°CDB, maximum pipe length 30 m, indoor unit(s) & outdoor unit are located at the same level

** Heating Capacity at indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CDB, maximum pipe length 30m, indoor unit(s) & outdoor unit are located at the same level

*** For full details about the Indoor & Outdoor Units (including efficiency), please refer to VRV Apt Catalogue or to relevant Data Books



Twin Flex Solution

Cassette Indoor Units

Outdoor Unit	Indoor Unit		Cooling Operation*					Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories		
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW	Capacity, Kw		Power Input, kW					
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller	Refnet	Decorative Panel
RXYMQ4AVMK	FXFSQ40ARV1	2	4	7.8	3.9	3.6	3.31	0.035	10.0	5.0	2.68	0.034	600 x 2	BRC1H* x 2	KHRP26A22T6	BYCQ125EAF9 x 2
RXYMQ4AYFK	FXFSQ50ARV1	2	4	9.4	4.7	4.5	3.38	0.056	12.3	6.2	2.80	0.056	812 x 2	BRC1H* x 2	KHRP26A22T6	BYCQ125EAF9 x 2
RXYMQ5AYFK	FXFSQ63ARV1	2	5	11.4	6.2	5.4	4.29	0.061	15.6	7.8	3.67	0.060	830 x 2	BRC1H* x 2	KHRP26A22T6	BYCQ125EAF9 x 2
RXYMQ6AYFK	FXFSQ80ARV1	2	6	13.1	6.6	6.3	4.90	0.092	17.7	8.9	4.24	0.092	865 x 2	BRC1H* x 2	KHRP26A33T6	BYCQ125EAF9 x 2

Ducted Indoor Units

Outdoor Unit	Indoor Unit		Cooling Operation*					Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories	
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW	Capacity, Kw		Power Input, kW				
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller	Refnet
RXYMQ4AVMK	FXMQ40ARV1	2	4	7.8	3.9	3.0	3.31	0.160	10.0	5.0	2.68	0.160	530 x 2	BRC1H* x 2	KHRP26A22T6
RXYMQ4AYFK	FXMQ50ARV1	2	4	9.4	4.7	4.1	3.38	0.210	12.3	6.2	2.80	0.210	671 x 2	BRC1H* x 2	KHRP26A22T6
RXYMQ5AYFK	FXMQ63ARV1	2	5	11.4	5.7	4.6	4.29	0.185	15.6	7.8	3.67	0.185	848 x 2	BRC1H* x 2	KHRP26A22T6
RXYMQ6AYFK	FXMQ80ARV1	2	6	13.1	6.6	6.0	4.90	0.300	17.7	8.9	4.24	0.300	1,059 x 2	BRC1H* x 2	KHRP26A33T6

Slim Ceiling Ducted Indoor Units

Outdoor Unit	Indoor Unit		Cooling Operation*					Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories	
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW	Capacity, Kw		Power Input, kW				
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller	Refnet
RXYMQ4AVMK	FXDQ40NDVM	2	4	7.8	3.9	2.9	3.31	0.160	10.0	5.0	2.68	0.147	371 x 2	BRC1H* x 2	KHRP26A22T6
RXYMQ4AYFK	FXDQ50NDVM	2	4	9.4	4.7	3.6	3.38	0.165	12.3	6.3	2.80	0.152	441 x 2	BRC1H* x 2	KHRP26A22T6
RXYMQ5AYFK	FXDQ63NDVM	2	5	11.4	5.7	4.4	4.29	0.181	15.6	8.0	3.67	0.168	583 x 2	BRC1H* x 2	KHRP26A22T6

Wall Mounted Indoor Units

Outdoor Unit	Indoor Unit		Cooling Operation*					Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories	
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW	Capacity, Kw		Power Input, kW				
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller	Refnet
RXYMQ4AVMK	FXAQ40ARVM	2	4	7.8	3.9	3.1	3.31	0.022	10.0	5.0	2.68	0.029	459 x 2	BRC1H* x 2	KHRP26A22T6
RXYMQ4AYFK	FXAQ50ARVM	2	4	9.4	4.7	3.8	3.38	0.027	12.3	6.3	2.80	0.032	530 x 2	BRC1H* x 2	KHRP26A22T6
RXYMQ5AYFK	FXAQ63ARVM	2	5	11.4	5.7	4.7	4.29	0.056	15.6	8.0	3.67	0.065	671 x 2	BRC1H* x 2	KHRP26A22T6

Notes:

* Cooling Capacity at indoor temperature 24°CDB, 17°CDB; outdoor temperature 46°CDB, maximum pipe length 30 m, indoor unit(s) & outdoor unit are located at the same level

** Heating Capacity at indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CDB, maximum pipe length 30 m, indoor unit(s) & outdoor unit are located at the same level

*** For full details about the Indoor & Outdoor Units (including efficiency), please refer to VRV Apt Catalogue or to relevant Data Books

Triple Flex Solution

Cassette Indoor Units

Outdoor Unit	Indoor Unit		Cooling Operation*						Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories		
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW		Capacity, Kw		Power Input, kW					
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller	Header Pack	Decorative Panel
RXYMQ4AVMK	FXFSQ32ARV1	3	4	9.1	3.0	2.8	3.31	0.028	11.7	3.9	2.68	0.026	459 x 3	BRC1H* x 3	BHF6RHP6Z	BYCQ125EAF9 x 3
RXYMQ4AYFK	FXFSQ32ARV1	3	4	9.4	3.1	2.8	3.38	0.028	12.0	4.0	2.80	0.026	459 x 3	BRC1H* x 3	BHF6RHP6Z	BYCQ125EAF9 x 3
RXYMQ5AYFK	FXFSQ40ARV1	3	5	11.4	3.8	3.6	4.29	0.035	15.0	5.0	3.67	0.034	600 x 3	BRC1H* x 3	BHF6RHP6Z	BYCQ125EAF9 x 3
RXYMQ6AYFK	FXFSQ50ARV1	3	6	12.9	4.3	4.2	4.90	0.056	17.6	5.9	4.24	0.056	812 x 3	BRC1H* x 3	BHF8RHP6Z	BYCQ125EAF9 x 3

Ducted Indoor Units

Outdoor Unit	Indoor Unit		Cooling Operation*						Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories	
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW		Capacity, Kw		Power Input, kW				
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller	Header Pack
RXYMQ4AVMK	FXMQ40ARV1	3	4	9.5	3.2	3.0	3.31	0.160	11.9	4.0	2.68	0.160	530 x 3	BRC1H* x 3	BHF6RHP6Z
RXYMQ4AYFK	FXMQ40ARV1	3	4	9.9	3.3	3.0	3.38	0.160	12.4	4.1	2.80	0.160	530 x 3	BRC1H* x 3	BHF6RHP6Z
RXYMQ5AYFK	FXMQ40ARV1	3	5	11.4	3.8	3.0	4.29	0.160	15.0	5.0	3.67	0.160	530 x 3	BRC1H* x 3	BHF6RHP6Z
RXYMQ6AYFK	FXMQ50ARV1	3	6	12.9	4.3	4.1	4.90	0.210	17.6	5.9	4.24	0.210	671 x 3	BRC1H* x 3	BHF8RHP6Z

Slim Ceiling Ducted Indoor Units

Outdoor Unit	Indoor Unit		Cooling Operation*						Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories	
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW		Capacity, Kw		Power Input, kW				
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller	Header Pack
RXYMQ4AVMK	FXDQ32PDVM	3	4	9.1	3.0	2.2	3.31	0.089	11.7	3.9	2.68	0.070	283 x 3	BRC1H* x 3	BHF6RHP6Z
RXYMQ4AYFK	FXDQ32PDVM	3	4	9.4	3.1	2.2	3.38	0.089	12.0	4.0	2.80	0.070	283 x 3	BRC1H* x 3	BHF6RHP6Z
RXYMQ5AYFK	FXDQ40NDVM	3	5	11.4	3.8	2.9	4.29	0.160	15.0	5.0	3.67	0.147	371 x 3	BRC1H* x 3	BHF6RHP6Z
RXYMQ6AYFK	FXDQ50NDVM	3	6	12.9	4.3	3.6	4.90	0.165	17.6	5.9	4.24	0.152	441 x 3	BRC1H* x 3	BHF8RHP6Z

Wall Mounted Indoor Units

Outdoor Unit	Indoor Unit		Cooling Operation*						Heating Operation**				Airflow - Each Indoor Unit, CFM	Accessories	
			Total Capacity, kW			Sensible Capacity, kW	Power Input, kW		Capacity, Kw		Power Input, kW				
Model Name	Model Name	Qty	HP	Outdoor Unit	Each Indoor Unit	Each Indoor Unit	Outdoor Unit	Each Indoor Unit	Total	Each Indoor Unit	Outdoor Unit	Each Indoor Unit		Remote Controller	Header Pack
RXYMQ4AVMK	FXAQ32ARVM	3	4	9.1	3.0	2.4	3.31	0.021	11.7	3.9	2.68	0.026	388 x 3	BRC1H* x 3	BHF6RHP6Z
RXYMQ4AYFK	FXAQ32ARVM	3	4	9.4	3.1	2.4	3.38	0.021	12.0	4.0	2.80	0.026	388 x 3	BRC1H* x 3	BHF6RHP6Z
RXYMQ5AYFK	FXAQ40ARVM	3	5	11.4	3.8	3.1	4.29	0.022	15.0	5.0	3.67	0.029	459 x 3	BRC1H* x 3	BHF6RHP6Z
RXYMQ6AYFK	FXAQ50ARVM	3	6	12.9	4.3	3.8	4.90	0.027	17.6	5.9	4.24	0.032	530 x 3	BRC1H* x 3	BHF8RHP6Z

Notes:

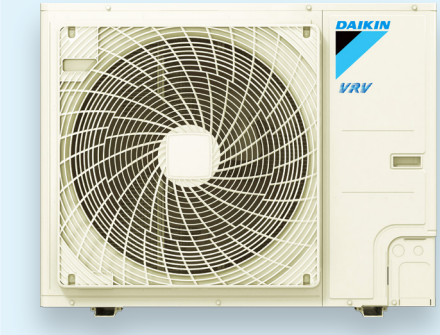
* Cooling Capacity at indoor temperature 24°CDB, 17°CDB; outdoor temperature 46°CDB, maximum pipe length 30 m, indoor unit(s) & outdoor unit are located at the same level

** Heating Capacity at indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CDB, maximum pipe length 30 m, indoor unit(s) & outdoor unit are located at the same level

*** For full details about the Indoor & Outdoor Units (including efficiency), please refer to VRV Apt Catalogue or to relevant Data Books

Specifications

Outdoor Unit



Model				RXYMQ4AVMK	RXYMQ4AYFK	RXYMQ5AYFK	RXYMQ6AYFK
Efficiency in Cooling Mode		EER T1[1]	W/W	4.13	4.09	3.94	3.94
		EER T3[2]	W/W	3.14	3.14	2.97	2.96
		CSPF [3]	W/W	5.80	5.70	5.40	5.35
		EER T4[4]	W/W	2.96	2.97	2.99	3.00
Efficiency in Heating Mode		COP H1[5]	W/W	4.70	4.50	4.35	4.25
Operation range	Cooling	Min.	°C	0			
		Max.	°C	54			
	Heating	Min.	°C	-20			
		Max.	°C	15.5			
Dimensions	Unit	Height	mm	870			
		Width	mm	1100			
		Depth	mm	460			
	Packing	Height	mm	1010			
		Width	mm	1190			
		Depth	mm	560			
Weight	Unit			100	120		
	Packed Unit			114	134		
Sound Pressure (Cooling)			dBA	51	51	58	58
Compressor	Quantity			1			
	Type			Hermetically sealed swing type (Inverter)			
Refrigerant	Refrigerant Name			R-410A			
	Charge		kg	4.2	4.95	5.4	5.4
Piping Connections	Liquid	Type		Flare Connection			
		Diameter(OD)	mm	9.5			
	Gas	Type		Flare Connection	Brazing Connection		
		Diameter(OD)	mm	15.9	15.9		19.1
POWER SUPPLY	PHASE			1~	3N~		
	FREQUENCY		Hz	50/60	50/60		
	VOLTAGE	50 Hz	V	220-240	380-415		
		60 Hz	V		400		
Power factor				0.9	0.9	0.9	0.9

Notes:

(1) Cooling: Indoor temperature: 26.6°CDB, 19.4°CWB, outdoor temperature: 35°CDB, AHRI 1230, power input of indoor units included

(2) Cooling: Indoor temperature: 29°CDB, 19°CWB, outdoor temperature: 46°CDB, ISO15042:2011, power input of indoor units included

(3) Cooling seasonal performance factor for hot climates at T3 condition per ISO 16358-1:2013/AMD 1:2019

(4) Cooling: Indoor temperature: 26.6°CDB, 19.4°CWB, outdoor temperature: 48°CDB, AHRI 1230, power input of indoor units included

(5) Heating: Indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, ISO15042:2011, power input of indoor units included

Specifications

Indoor Units

Ceiling Mounted Cassette Round Flow Type

MODEL			FXFSQ32ARV1	FXFSQ40ARV1	FXFSQ50ARV1	FXFSQ63ARV1	FXFSQ80ARV1	FXFSQ100ARV1	FXFSQ125ARV1	FXFSQ140ARV1
Power supply			1- phase, 220-240V, 60 /50/60 Hz							
Cooling capacity		Btu/h	12,300	15,400	19,100	24,200	30,700	38,200	47,800	54,600Z
		kW	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
Heating capacity		Btu/h	13,600	17,100	21,500	27,300	34,100	42,700	54,600	54,600
		kW	4.0	5.0	6.3	8.0	10.0	12.5	16	16
Casing			Galvanised steel plate							
Airflow rate (H/M/L)		m^3/min	13/11.5/10	17/12.5/11	23/19/11	23.5/20/13.5	24.5/20.5/15	33.5/27/21	34.5/28.5/23	35.5/29.5/23
		cfm	459/406/353	600/441/388	812/671/388	830/706/477	865/724/530	1183/953/741	1218/1006/812	1253/1041/812
Sound level (H/M/L)		dB(A)	30/28.5/27	35/29/27	38/34.5/27	388/34.5/27	39/36/31	44/38/33	45/39.5/35	46/40.5/35
Dimensions		mm	256x840x840					298x840x840		
Machine weight		kg	19		22			25		26
Piping connections	Liquid (Flare)	mm	6.4					9.5		
	Gas (Flare)	mm	12.7					15.9		
	Drain	mm	Dia. 26(hole)							
Standard Panel (Optional)	Model		BYCQ125EAF9(Fresh White)							
	Dimensions (HxWxD)	mm	50x950x950							
	Weight	kg	5.5							

* Optional PM2.5 Filter is available upon request

Wall Mounted Type

MODEL			FXAQ32ARVM	FXAQ40ARVM	FXAQ50ARVM	FXAQ63ARVM
Power supply			1-phase, 220V / 240V, 50/60 Hz			
Casing			White (N9.5)			
Airflow rate (H/L)		m^3/min	11/5.5	13/9	15/12	19/14
		cfm	388/194	459/318	530/424	671/494
Sound level (H/L)		dB(A)	38/31	39/34	42/37	47/41
Dimensions (H×W×D)		mm	298X929X258	298X929X258	298X929X258	298X929X258
Machine weight		kg	13.0	13.0	13.0	13.0
Piping connections	Liquid (Flare)	mm	6.4	6.4	6.4	9.5
	Gas (Flare)	mm	12.7	12.7	12.7	15.9
	Drain	mm	VP13 (External Dia, 18/Internal Dia, 13)			

Note:

Sound level: Anechoic chamber conversion value measured at a point 1.5m downward from the unit center. During actual operation, these values are usually somewhat higher due to ambient conditions.

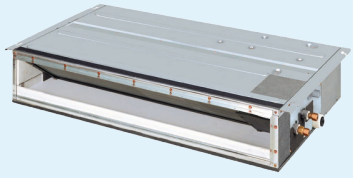
Specifications

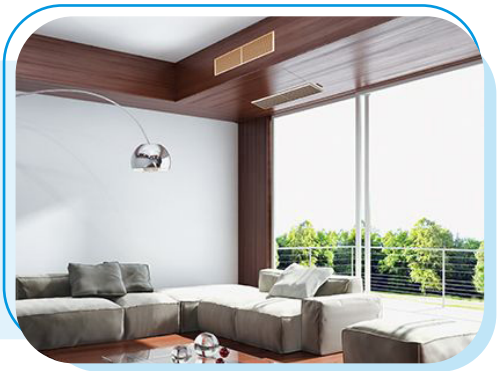
Indoor Units

Concealed Ceiling Mounted Duct Type

MODEL			FXMQ40ARV1	FXMRQ50ARV1	FXMRQ63ARV1	FXMRQ80ARV1	FXMRQ100ARV1	FXMQ125PBV1	FXMQ140PBV1
1-phase, 220V / 240V, 50/60 Hz									
Casing			Galvanised steel plate						
Airflow rate (H/L)		m^3/min	15/12	19/16	24/20	30/25	34/29	39/33/28	46/39/32
		cfm	530/425	671/565	848/706	1060/883	1200/1024	1377/1165/988	1624/1377/1130
External static pressure		Pa	30-50	30-50	30-50	30-50	30-60	100(200-50) *2	100(140-50) *2
Sound level (H/L)50Hz		dB(A)	39/37	41/39	42/40	43/41	44/42	44/42/40	46/45/43
Dimensions (H×W×D)		mm	300x700x700	300x700x700	300x1000x700	300x1000x700	300x1000x700	300x1400x700	300x1400x700
Machine weight		kg	27	28	35	35	36	45	46
Piping connections	Liquid (Flare)	mm	6.4	6.4	9.5	9.5	9.5	Ø 9.5	9.5
	Gas (Flare)	mm	12.7	12.7	15.9	15.9	15.9	Ø15.9	15.9
	Drain	mm	VP25 (External Dia, 32/Internal Dia, 25)						

Slim Ceiling Mounted Duct Type





MODEL			FXDQ32PDVM	FXDQ40NDVM	FXDQ50NDVM	FXDQ63NDVM
1-phase, 220-240V, 50/60 Hz						
Casing		Galvanised steel plate				
Airflow Rate (HH/HL)		m^3/min	8.0/7.2/6.4	10.5/9.5/8.5	12.5/11.0/10.0	16.5/14.5/13.0
		cfm	282/254/226	371 (335/300	441 /388/353	583/512/459
External static pressure		Pa	30-10 *2	44-15*2	44-15 *2	44-15 *2
Sound level (HH/H/L)*1*3		dB(A)	33/31/29	34/32/30	35/33/31	36/34/32
Dimensions (H×W×D)		mm	200×700×620	200x900x620	200x900x620	200x1,100x620
Machine weight		kg	23.0	27.0	28.0	31.0
Piping connections	Liquid (Flare)	mm	Ø 6.4	Ø 6.4	Ø 6.4	Ø 9.5
	Gas (Flare)	mm	Ø 12.7	Ø 12.7	Ø 12.7	Ø 15.9
	Drain	mm	VP25 (External Dia, 32/Internal Dia, 25)			

Note:

Sound level: Anechoic chamber conversion value measured at a point 1.5m downward from the unit center. During actual operation, these values are usually somewhat higher due to ambient conditions.

Piping Specifications

Use piping with temper grade in the function of the pipe diameter as listed in the table below:

Pipe Ø	Temper Grade of Piping Material
≤ 15.9 mm	O (annealed)
≥ 19.1 mm	1/2H (half hard)

The pipe thickness of the refrigerant piping shall comply with the applicable legislation.
The minimal pipe thickness for R410A piping must be in accordance with the table below:

Pipe Ø (mm)	Minimal thickness t (mm)
6.9/9.5/12.7	0.80
15.9	0.99
19.1	0.80

Pipe Diameters - Pair Flex solutions

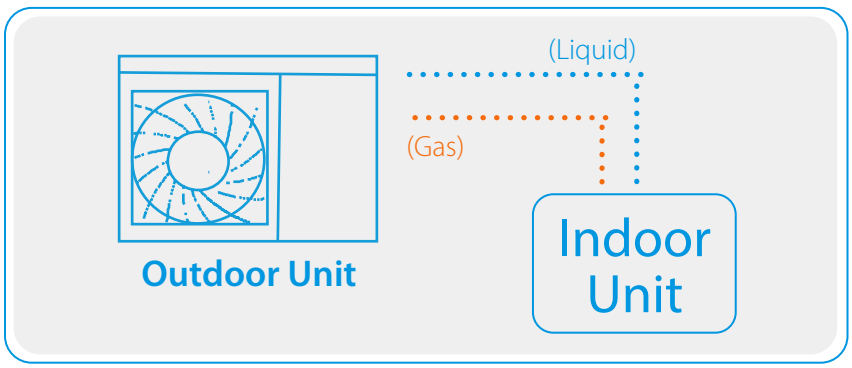
Cassetter Indoor Units

Outdoor Unit				Indoor Unit	
Model	Capacity	Pipe Diameter		Model	Qty
		Liquid, mm	Gas, mm		
RXYMQ4AVMK	4 HP	9.5	15.9	FXFSQ80ARV1	1
RXYMQ4AYFK	4 HP	9.5	15.9	FXFSQ100ARV1	1
RXYMQ5AYFK	5 HP	9.5	15.9	FXFSQ125ARV1	1
RXYMQ6AYFK	6 HP	9.5	19.1	FXFSQ140ARV1	1

Ducted Indoor Units

Outdoor Unit				Indoor Unit	
Model	Capacity	Pipe Diameter		Model	Qty
		Liquid, mm	Gas, mm		
RXYMQ4AVMK	4 HP	9.5	15.9	FXMQ80ARV1	1
RXYMQ4AYFK	4 HP	9.5	15.9	FXMQ100ARV1	1
RXYMQ5AYFK	5 HP	9.5	15.9	FXMQ125PBV1	1
RXYMQ6AYFK	6 HP	9.5	19.1	FXMQ140PBV1	1

Schematic Diagram – Piping Pair Flex Solution



Pipe Diameters - Twin Flex solutions

Cassetter Indoor Units

Outdoor Unit				Indoor Unit				Refnet
Model	Capacity	Pipe Diameter		Model	Qty	Pipe Diameter		
		Liquid, mm	Gas, mm			L, mm	G, mm	
RXYMQ4AVMK	4 HP	9.5	15.9	FXFSQ40ARV1	2	6.4	12.7	KHRP26A22T6
RXYMQ4AYFK	4 HP	9.5	15.9	FXFSQ50ARV1	2	6.4	12.7	KHRP26A22T6
RXYMQ5AYFK	5 HP	9.5	15.9	FXFSQ63ARV1	2	9.5	15.9	KHRP26A22T6
RXYMQ6AYFK	6 HP	9.5	19.1	FXFSQ80ARV1	2	9.5	15.9	KHRP26A33T6

Ducted Indoor Units

Outdoor Unit				Indoor Unit				Refnet
Model	Capacity	Pipe Diameter		Model	Qty	Pipe Diameter		
		Liquid, mm	Gas, mm			L, mm	G, mm	
RXYMQ4AVMK	4 HP	9.5	15.9	FXMQ40ARV1	2	6.4	12.7	KHRP26A22T6
RXYMQ4AYFK	4 HP	9.5	15.9	FXMQ50ARV1	2	6.4	12.7	KHRP26A22T6
RXYMQ5AYFK	5 HP	9.5	15.9	FXMQ63ARV1	2	9.5	15.9	KHRP26A22T6
RXYMQ6AYFK	6 HP	9.5	19.1	FXMQ80ARV1	2	9.5	15.9	KHRP26A33T6

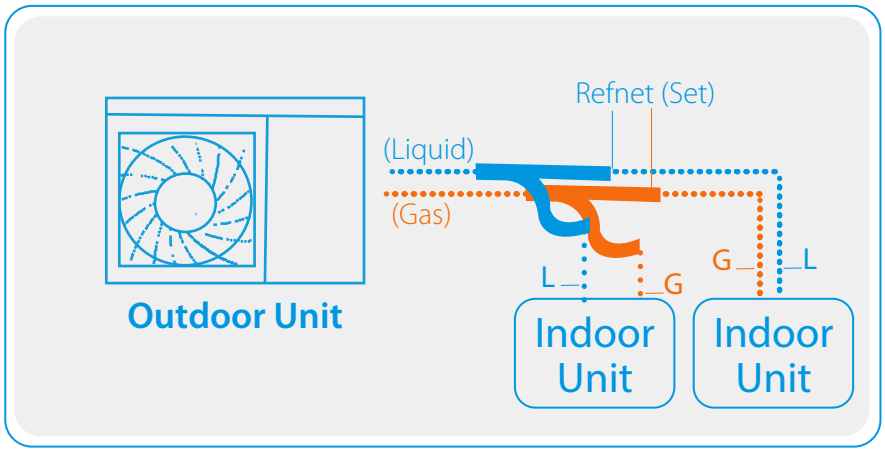
Slim Ceiling Ducted Indoor Units

Outdoor Unit				Indoor Unit				Refnet
Model	Capacity	Pipe Diameter		Model	Qty	Pipe Diameter		
		Liquid, mm	Gas, mm			L, mm	G, mm	
RXYMQ4AVMK	4 HP	9.5	15.9	FXDQ40NDVM	2	6.4	12.7	KHRP26A22T6
RXYMQ4AYFK	4 HP	9.5	15.9	FXDQ50NDVM	2	6.4	12.7	KHRP26A22T6
RXYMQ5AYFK	5 HP	9.5	15.9	FXDQ63NDVM	2	9.5	15.9	KHRP26A22T6

Wall Mounted Indoor Unit

Outdoor Unit				Indoor Unit				Refnet
Model	Capacity	Pipe Diameter		Model	Qty	Pipe Diameter		
		Liquid, mm	Gas, mm			L, mm	G, mm	
RXYMQ4AVMK	4 HP	9.5	15.9	FXAQ40ARVM	2	6.4	12.7	KHRP26A22T6
RXYMQ4AYFK	4 HP	9.5	15.9	FXAQ50ARVM	2	6.4	12.7	KHRP26A22T6
RXYMQ5AYFK	5 HP	9.5	15.9	FXAQ63ARVM	2	9.5	15.9	KHRP26A22T6

Schematic Diagram – Piping Twin Flex Solution



Pipe Diameters - Triple Flex solutions

Cassetter Indoor Units

Outdoor Unit				Indoor Unit				Header Pack
Model	Capacity	Pipe Diameter		Model	Qty	Pipe Diameter		
		Liquid, mm	Gas, mm			L, mm	G, mm	
RXYMQ4AVMK	4 HP	9.5	15.9	FXFSQ32ARV1	3	6.4	12.7	BHF6RHP6Z
RXYMQ4AYFK	4 HP	9.5	15.9	FXFSQ32ARV1	3	6.4	12.7	BHF6RHP6Z
RXYMQ5AYFK	5 HP	9.5	15.9	FXFSQ40ARV1	3	6.4	12.7	BHF6RHP6Z
RXYMQ6AYFK	6 HP	9.5	19.1	FXFSQ50ARV1	3	6.4	12.7	BHF8RHP6Z

Ducted Indoor Units

Outdoor Unit				Indoor Unit				Header Pack
Model	Capacity	Pipe Diameter		Model	Qty	Pipe Diameter		
		Liquid, mm	Gas, mm			L, mm	G, mm	
RXYMQ4AVMK	4 HP	9.5	15.9	FXMQ40ARV1	3	6.4	12.7	BHF6RHP6Z
RXYMQ4AYFK	4 HP	9.5	15.9	FXMQ40ARV1	3	6.4	12.7	BHF6RHP6Z
RXYMQ5AYFK	5 HP	9.5	15.9	FXMQ40ARV1	3	6.4	12.7	BHF6RHP6Z
RXYMQ6AYFK	6 HP	9.5	19.1	FXMQ50ARV1	3	6.4	12.7	BHF8RHP6Z

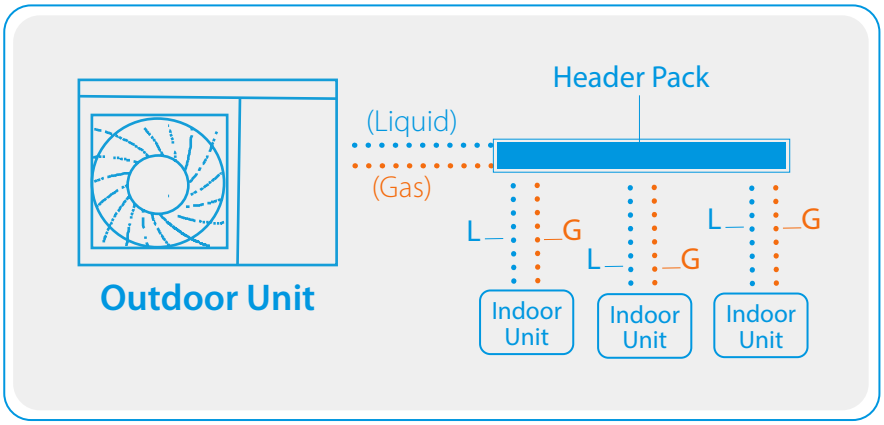
Slim Ceiling Ducted Indoor Units

Outdoor Unit				Indoor Unit				Header Pack
Model	Capacity	Pipe Diameter		Model	Qty	Pipe Diameter		
		Liquid, mm	Gas, mm			L, mm	G, mm	
RXYMQ4AVMK	4 HP	9.5	15.9	FXDQ32PDVM	3	6.4	12.7	BHF6RHP6Z
RXYMQ4AYFK	4 HP	9.5	15.9	FXDQ32PDVM	3	6.4	12.7	BHF6RHP6Z
RXYMQ5AYFK	5 HP	9.5	15.9	FXDQ40NDVM	3	6.4	12.7	BHF6RHP6Z
RXYMQ6AYFK	6 HP	9.5	19.1	FXDQ50NDVM	3	6.4	12.7	BHF8RHP6Z

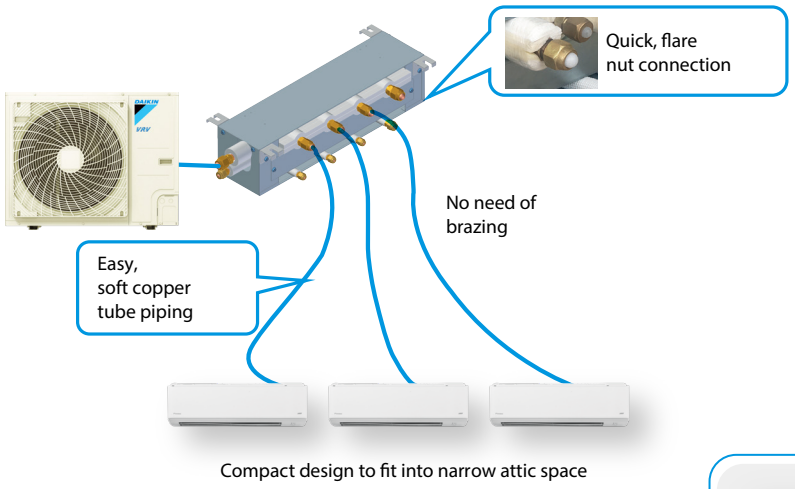
Wall Mounted Indoor Unit

Outdoor Unit				Indoor Unit				Header Pack
Model	Capacity	Pipe Diameter		Model	Qty	Pipe Diameter		
		Liquid, mm	Gas, mm			L, mm	G, mm	
RXYMQ4AVMK	4 HP	9.5	15.9	FXAQ32ARVM	3	6.4	12.7	BHF6RHP6Z
RXYMQ4AYFK	4 HP	9.5	15.9	FXAQ32ARVM	3	6.4	12.7	BHF6RHP6Z
RXYMQ5AYFK	5 HP	9.5	15.9	FXAQ40ARVM	3	6.4	12.7	BHF6RHP6Z
RXYMQ6AYFK	6 HP	9.5	19.1	FXAQ50ARVM	3	6.4	12.7	BHF8RHP6Z

Schematic Diagram – Piping Triple Flex Solution



Header Pack Installation

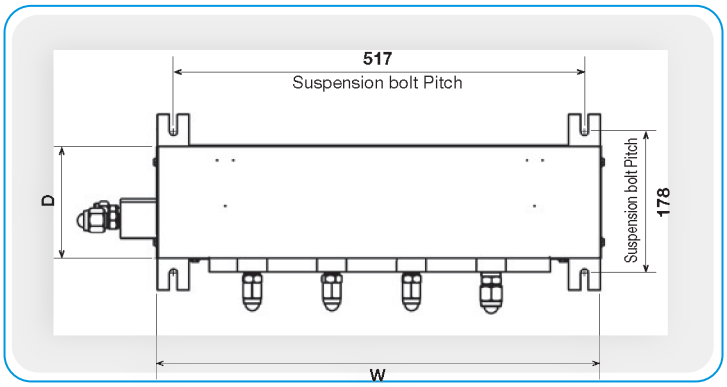


Daikin innovated Next Generation of Quality and Efficiency for VRV Installation

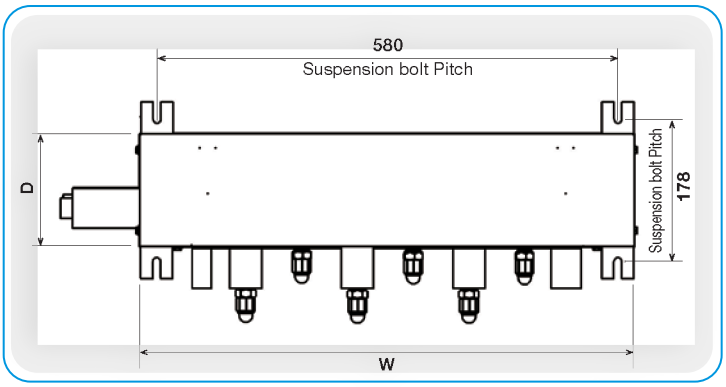
Advantage:

- Installation time saving: Up to 1/3 of conventional method
- Easy to install: Hanging points available
- Safety: Consists of flaring method, no brazing required
- Quality installation: Elimination of difficult process, enhancing quality installation

BHF6RHP6Z



BHF8RHP6Z



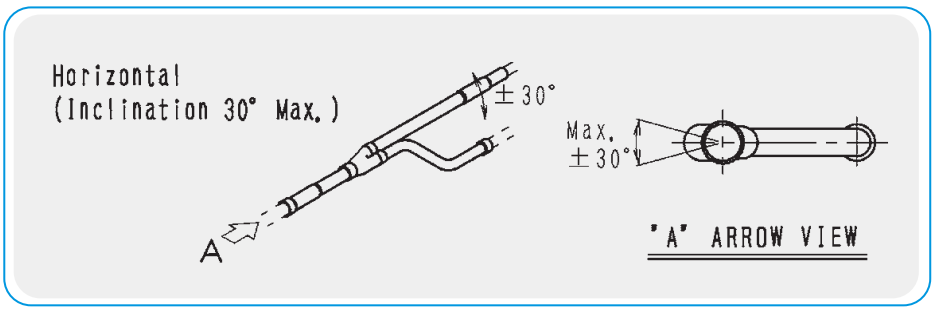
Header Pack Technical Details

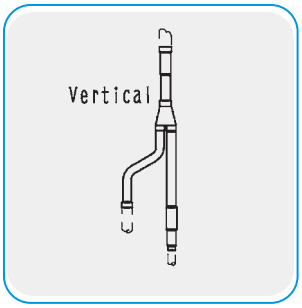
HEADER PACK	Outdoor Unit Side	Indoor Unit Side (Flare)			Dimension (mm)		
	Liquid/Gas (mm)	Port		Liquid/Gas (mm)	H	D	W
BHF6RHP6Z	9.5/15.9 (Flare)	4	Large x 1	Φ9.5 / Φ15.9	135	143	559
			Small x 3	Φ6.4 / Φ12.7			
BHF8RHP6Z	9.5/19.1 (TightFit Joint)	6	Large x 3	Φ9.5 / Φ15.9	135	143	623
			Small x 3	Φ6.4 / Φ12.7			

Where the pipe diameter of the Indoor Unit outlet does not match the Header Pack Port diameter, field supplied reducers are to be used. Daikin TightFit Joints for fast & quality installation can be supplied as an option. The quantity can be determined based on total pipe length & actual project design.

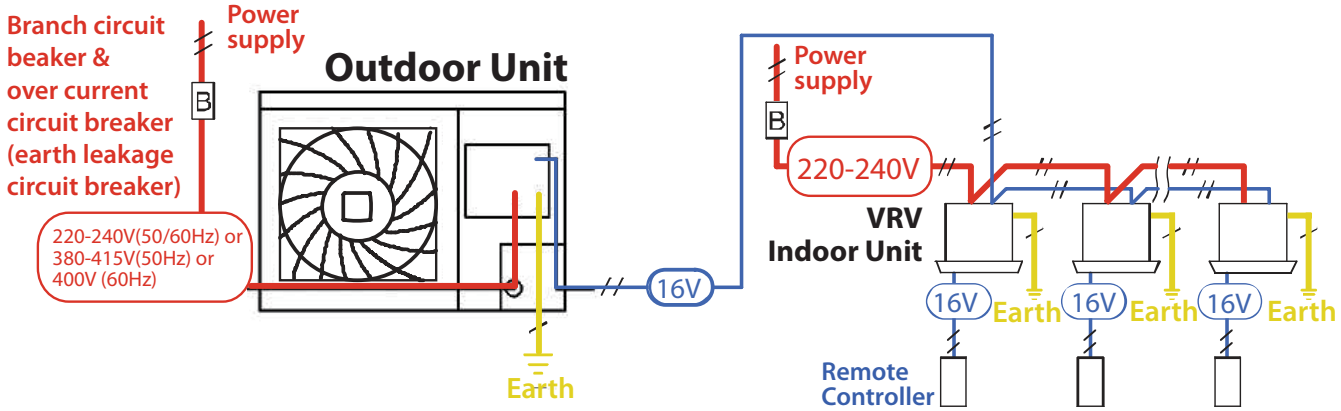
Refnet Installation

Cut the Refnet Joint with a pipe cutter according to the pipe diameters of the system & install the Refnet Joint so that it is branched vertically or horizontally.





Wiring Connection



Transmission wiring (shielded wire) (16V)

Power supply wiring (sheathed cable)

Notes:

(1) Please do not route the weak electric wiring (remote controller wire and wiring between units together with the strong one outside the air conditioner, keeping them at least 25 mm apart. Otherwise, the electrical noise (external noise) may result in malfunction or breakdown.

(2) Secure the electric wires using the accessory clamps to prevent touching the piping

(3) After connecting the electric wires, lay the wires smoothly and regularly to avoid the electronic component box cover protruding, then close the cover tightly.

Electric Characteristics

Cables & Circuit Breakers Specifications (Outdoor Units)

Outdoor Unit Model Name			RXYMQ4AVMK	RXYMQ4AYFK	RXYMQ5AYFK	RXYMQ6AYFK
Outdoor Unit Capacity			4 HP	4 HP	5 HP	6 HP
Power Suply Characteristics	Phase		1 ph	3 ph		
	Frequency	Hz	50/60 Hz			
	Voltage Range	50 Hz	220-240 V ± 10%	380-415 V ± 10%		
		60 Hz		400 V ± 10%		
Power Cables	Type[1]		3-core PVC sheathed non-shielded	5-core PVC sheathed non-shielded		
	Recommended Core Size[2]	mm²	4	4		
	MCA[3]	A	27	18.9	18.9	18.9
Control Cables	Type		2-core PVC sheathed non-shielded			
	Recommended Core Size	mm²	0,75 to 1,25			
	Voltage	V	16			
	Connection		F1/F2 Terminals on the PCB of Outdoor & Indoor Units			
Overcurrent Circuit Breaker	MFA[4]	A	30	25	25	25
ELCB[5]	Size	mA	300	300	300	300

Cables & Circuit Breakers Specifications (Indoor Units)

Indoor Unit Model Name			FXFSQ-ARV1, FXMQ-ARV1; FXMQ-PBV1; FXDQ-PDVM; FXDQ-NDVM; FXAQ-ARVM
Outdoor Unit Capacity			32 - 140 Capacity Class
Power Suply Characteristics	Phase		1 ph
	Frequency	Hz	50/60 Hz
	Voltage Range	50 Hz	220-240 V ± 10%
		60 Hz	
Power Cables	Type[1]		3-core PVC sheathed non-shielded
	Recommended Core Size[2]	mm²	2.5
	MCA[3]	A	0.3 - 3.4 (model dependable)
Control Cables	Type		2-core PVC sheathed non-shielded
	Recommended Core Size	mm²	0,75 to 1,25
	Voltage	V	16
	Connection		F1/F2 Terminals on the PCB of Outdoor & Indoor Units
Overcurrent Circuit Breaker	MFA[4]	A	16
ELCB[5]	Size	mA	300

Notes:

(1) Specifications of Power Cables should be in compliance with IEC60335-1. Wire type H05VV shall be selected for Outdoor Units & H05VV-U3G shall be selected for Indoor Units when the protective conduits are used for the power wiring & wire type H07RN-F to be selected when the protective conduits are not used.

(2) Minimum Power Cable size was calculated based on best practice. However, local / national codes & standards shall be followed for accurate calculations using MCA value.

(3) Minimum Circuit Amps (MCA) must be used to select the correct field wiring size. The MCA can be regarded as the maximum running current. Exact MCA values for Indoor Units can be taken from the relevant Indoor Units Data Books and Installation & Operation Manuals

(4) Maximum Fuse Amps (MFA) is used to select the circuit breaker.

(5) Earth Leakage Circuit Breaker (ELCB) shall be selected in accordance with local and national regulations & codes & it shall be compatible with the inverter (resistant to high frequency electric noise) to avoid unnecessary opening of the earth leakage protector.

For full details about installation recommendations, please refer to relevant Technical Data Books or Installation Manuals.

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