



PCXMY15

Inverter Multi-Split Series



Dealer

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2MX45BGXV1



2MX50BGXV1
3MX60BGXV1
4MX80BGXV1

2MX45BGXV1 ~ 4MX80BGXV1
Cooling capacity (kW) : 4.0 - 7.6
Heating capacity (kW) : 4.4 - 8.4

COMPREHENSIVE CHOICES OF INDOOR UNITS

Wide choice of different types of indoor units : Wall Mounted, Ceiling Cassette, Ceiling Convertible, Ceiling Concealed.

Indoor Unit	Outdoor			
	2MX45BGXV1 (1- to- 2 system)	2MX50BGXV1 (1- to- 2 system)	3MX60BGXV1 (1- to- 3 system)	4MX80BGXV1 (1- to- 4 system)
2 X	25 + 25	25 + 25	25 + 25	25 + 25
	25 + 35	25 + 35	25 + 35	25 + 35
		25 + 50	25 + 50	25 + 50
		35 + 35	35 + 35	35 + 35
		35 + 50	35 + 50	35 + 50
3 X			50 + 50	50 + 50
			25 + 25 + 25	25 + 25 + 25
			25 + 25 + 35	25 + 25 + 35
			25 + 25 + 50	25 + 25 + 50
			25 + 35 + 35	25 + 35 + 35
4 X			10 + 35 + 50	25 + 35 + 50
			35 + 35 + 35	35 + 35 + 35
				25 + 25 + 25 + 25
				25 + 25 + 25 + 35

Available for all indoor units:
* FTXN-M, FFQ-C, FLQ-E, FDMQ-C

25- Size 2.5kW 35- Size 3.5kW 50- Size 5.0kW

Inverter Multi-Split Series



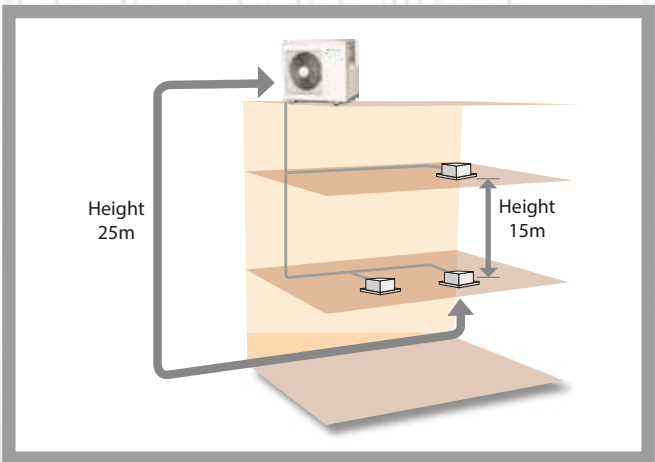
With combination of inverter and multi-split technology, Daikin range of product offering is available for double, triple and quadruple indoor connections. Flexibility is also extended to different types of indoor units in the same system. For example, 2MX45BGXV1 can be connected to FTXN25M in the bedroom and FFQ35C in the living room together in the same system.

Flexibility In Application And Installation

Whenever installation space is limited or building aesthetics is a priority, Daikin offers the DC inverter multi-split system solution.

LONG PIPING APPLICATION

The total piping length inverter multisplit system is 60 meters, with an elevation of 15 meters. The allowable individual unit of piping runs at 25 meters. These parameters can easily accommodate various building design.



Note: The piping length is different for every models. Kindly refer to technical manual for more details.



SWING COMPRESSOR

The 2MX-BGXV1, 3MX-BGXV1 & 4MX-BGXV1 series is utilizing the hermetically sealed Swing Compressor. Its precise structure and mechanical movement help to reduce friction and vibration of conventional rotary type of compressor. This help to reduce the leakage of refrigerant gas during compression and ensure maximum capacity is achieved, thus improving the efficiency of the compressor.

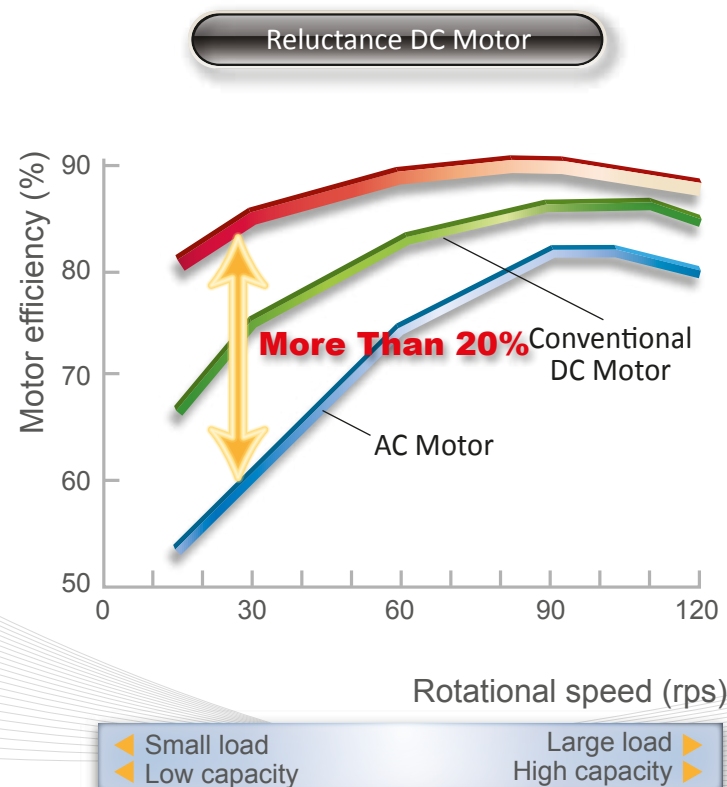


BETTER ENERGY SAVING

The 2MX-BGXV1, 3MX-BGXV1 & 4MX-BGXV1 series achieve high energy rating in cooling and heating cycle. This is achievable through the state-of-the-art system control, complemented by the highly efficient components.

DC FAN MOTOR

With more breakthrough in technology, high efficiency fan motor is no more just a dream. The highly efficient reluctance DC fan motor improve the efficiency 20% higher than conventional AC motor. This reduction helps to reduce the energy consumption while maintaining the same air flow.



Standard Features

COMFORT



Turbo Mode- Rapid cooling/heating with highest fan speed for immediate comfort



Quiet Mode- Effective cooling with lower noise level



Dry Mode- Keeping the room dehumidified, while maintaining room temperature



Auto Mode- Auto switching between cooling and heating mode depending on room and set temperature



Sleep Mode

FIN TYPE



Bare Aluminium Fin



Anti Corrosion Hydrophilic Gold Fin

The outdoor models in the catalog comes with bare / blue fin condenser. For gold fin outdoor models, specification remains the same with the below model name change : eg :

RYN25CXV1 to RYN25CGXV1 "G" comes after the series name of the outdoor.

AIR FLOW



Selectable Fan Speed- Different fan speed is available for comfort selection



Belt Driven Evaporator Motor



Variable Pitch Pulley Drive Package



Automatic Vertical Swing- Automatic movement of air discharge louver for uniform air distribution



Manual Horizontal Air Flow- Adjustable horizontal discharge grille for desired air flow direction



4 Way Air Discharge

CONTROLLER



With Wireless Remote Controller



With Wired Remote Controller

IAQ



Washable Saranet Filter- Removal of airborne dust particles through saranet filter ensures cleaner air supply



Titanium Apatite Photocatalytic Air-Purifying Filter



Bio Antibody Filter



Ionizer

POWER SUPPLY



Power from Indoor



Power from Outdoor

Specifications



PLXRPK1502

Multi-Split Y-Inverter Outdoor B-Series

				MODEL NAME	2MX45BGXV1	2MX50BGXV1	3MX60BGXV1	4MX80BGXV1
				TYPE	1-to-2	1-to-2	1-to-3	1-to-4
NOMINAL COOLING CAPACITY				Btu/h	13650 (4400~15350)	18400 (5100~21200)	22200 (3400~26100)	26100 (4100-31000)
				W	4000 (1300~4500)	5400 (1500~6200)	6500 (1000~7650)	7650 (1200-9100)
NOMINAL HEATING CAPACITY				Btu/h	15000 (2700~17400)	21800 (2400~23500)	25200 (3100~28000)	28700 (3100~30700)
				W	4400 (800~5100)	6400 (700~6900)	7400 (900~8200)	8400 (900~9000)
NOMINAL TOTAL INPUT POWER (COOLING)				W	1050 (330~1400)	1378 (380~1720)	1702 (400~2370)	2113 (430~2950)
NOMINAL TOTAL INPUT POWER (HEATING)				W	1040 (250~1450)	1492 (270~1680)	1749 (350~2130)	2054 (380~2550)
NOMINAL RUNNING CURRENT (COOLING)				A	4.82 (1.97~6.33)	6.15 (2.88~7.58)	7.58 (2.94~10.47)	9.30 (3.13~12.91)
NOMINAL RUNNING CURRENT (HEATING)				A	4.76 (1.45~6.50)	6.62 (2.03~7.46)	7.72 (2.59~9.41)	8.98 (2.70~11.16)
EER				W/W	3.81	3.91	3.82	3.62
COP				W/W	4.23	4.28	4.23	4.09
REFRIGERANT CHARGE				Kg	1.20	2.00	2.6	
POWER SOURCE				V/Ph/Hz	220- 240 / 1 / 50			
REFRIGERANT TYPE				R410A				
OUTDOOR UNIT	AIR FLOW			I/s / CFM	512 / 1076	780 / 1638	850 / 1786	
	SOUND PRESSURE LEVEL			dBA	47	48	49	
	UNIT DIMENSION		HEIGHT X WIDTH X DEPTH	mm	550 x 765 x 285	756 x 855 x 328		
	PACKING DIMENSION		HEIGHT X WIDTH X DEPTH	mm	610 x 895 x 360	793 x 990 x 415		
	UNIT WEIGHT			kg	34	45	55	
	PIPE CONNECTION	TYPE			FLARE			
		SIZE	LIQUID	mm	2 x 6.35	3 x 6.35		3 x 6.35
			GAS	mm	2 x 9.52	2 x 12.7	1 x 9.52	
	FAN	TYPE			PROPELLER			
	FAN MOTOR	DRIVE			DIRECT			
		TYPE						
		INDEX OF PROTECTION (IP)			IP23	IP34		
		INSULATION GRADE			Class E			
		RATED INPUT POWER		W	35	61	79	
		RATED RUNNING CURRENT		A	0.38	0.73	0.91	
	COIL	MOTOR OUTPUT			W	50	61	
TUBE		MATERIAL		INNER GROOVE COPPER		SEAMLESS INNER GROOVE COPPER		
		DIAMETER	mm	7				
FIN		MATERIAL		ALUMINIUM (HYDROPHILIC FIN)				
		DIAMETER	m2	0.405	0.62			
CASING	ROW				2			
	COLOUR			IVORY WHITE				



Inverter Wall Mounted
FTXN Series

Indoor Models

WALL-MOUNTED J-SERIES			MODEL NAME	FTXN25M	FTXN35M	FTXN50M
SOUND LEVEL (MINIMUM/MAXIMUM)			dBA	21 / 40	28 / 42	33 / 41
AIR FLOW RATE (HIGH)			CFM (l/s)	324 (153)	358 (169)	529 (250)
UNIT DIMENSION	HEIGHT		mm	288	288	310
	WIDTH		mm	800	800	1065
	DEPTH		mm	206	206	224
UNIT WEIGHT			kg	9	9	14
CEILING-CASSETTE C-SERIES			MODEL NAME	FFQ25C	FFQ35C	FFQ50C
SOUND LEVEL (MINIMUM/MAXIMUM)			dBA	38 / 44	38 / 45	44 / 47
AIR FLOW RATE			CFM (l/s)	400 (194)	410 (194)	450 (212)
UNIT DIMENSION (WITH PANEL)	HEIGHT		mm		250 (295)	
	WIDTH		mm		570 (640)	
	DEPTH		mm		570 (640)	
UNIT WEIGHT (WITH PANEL)			kg	16 (18)	16 (18)	16 (18)
CEILING-CONCEALED C-SERIES			MODEL NAME	FDMQ25C	FDMQ35C	FDMQ50C
SOUND LEVEL (MINIMUM/MAXIMUM)			dBA	26 / 35	29 / 37	34 / 38
AIR FLOW RATE (HIGH)			CFM (l/s)	250 (118)	410 (194)	570 (269)
EXTERNAL STATIC PRESSURE (HIGH)			Pa (in WG)	29 (0.12)	29 (0.12)	29 (0.12)
UNIT DIMENSION	HEIGHT		mm	261		
	WIDTH		mm	905		1065
	DEPTH		mm	411		
UNIT WEIGHT			kg	21	21	22

CEILING-CONVERTIBLE E-SERIES			MODEL NAME	FLQ35E	FLQ50E
SOUND LEVEL (MINIMUM/MAXIMUM)			dBA	35 / 46	41 / 50
AIR FLOW RATE (HIGH)			CFM (l/s)	508 (240)	520 (245)
OUTLINE DIMENSION	HEIGHT		mm	218	
	WIDTH		mm	1080	
	DEPTH		mm	630	
UNIT WEIGHT			kg	25	27

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
2) ALL UNITS ARE TESTED AND COMPLY TO ISO 5151 (NON DUCTED PRODUCT) & ISO 13253 (DUCTED PRODUCT)
3) COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
4) SOUND PRESSURE LEVELS ARE MEASURED IN ANECHOIC CHAMBER ACCORDING TO JIS C 9612 STANDARD.
- NON DUCTED PRODUCT: POSITION OF MICROPHONE IS 1.0M IN FRONT AND 0.8M UNDERNEATH THE UNIT.
- DUCTED PRODUCT: POSITION OF MICROPHONE IS 1.4 M UNDERNEATH THE UNIT AND WITH 2M RETURN & DISCHARGE DUCT LENGTH.

