

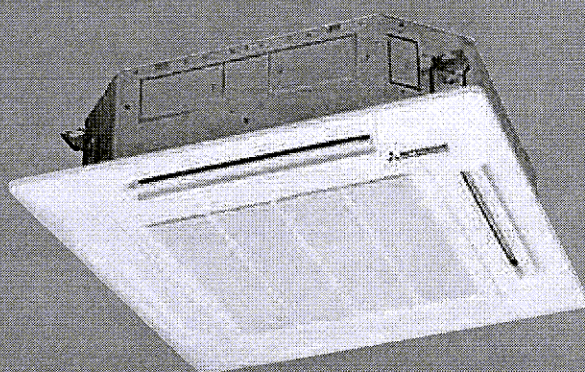


Our Technologies, Your Tomorrow



Eco-lution

High Performance Air-Conditioning



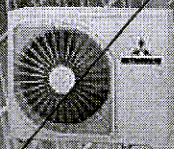
FD series

Inverter Packaged Air-Conditioners

50/60Hz
10P01E-A-0

OUTDOOR UNIT (1.5-10.0HP)

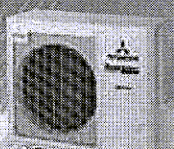
Hyper Inverter



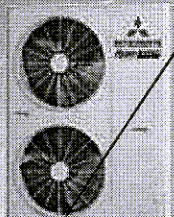
SRC40ZIX-S
SRC50ZIX-S*
SRC60ZIX-S*
(1.5HP~2.5HP)

*SRC50/60ZIX-S is common for both of outdoor units of SRK50/60ZIX-S (Residential Air-conditioners) and 1.5, 2, 2.5HP of Inverter Packaged Air-Conditioners. Common components make for easy inventory control and the installation procedure will be the same.

NEW

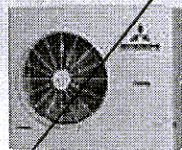


FDC71VNX
(3.0HP)

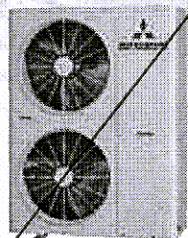


FDC100VNX
FDC100VSX
(4.0HP)
FDC125VNX
FDC125VSX
(5.0HP)
FDC140VNX
FDC140VSX
(6.0HP)

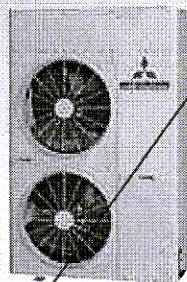
Micro Inverter



FDC100VN FDC100VS
FDC125VN FDC125VS
FDC140VN FDC140VS
(4.0HP~6.0HP)



FDC200VS
(8.0HP)



FDC250VS
(10.0HP)

Blue Fin (3~10HP)

Due to application of blue coated fins (KS101) for the heat exchanger of new outdoor unit, corrosion resistance has been improved compared to current models.



Blue
Fin

Base heater kit (option)

This kit is recommended to be used in an area where the lowest temperature drops below 0°C.

CW-H-E
applied for
FDC100~250VN,VS
FDC100~140VNX,VSX



Installation workability

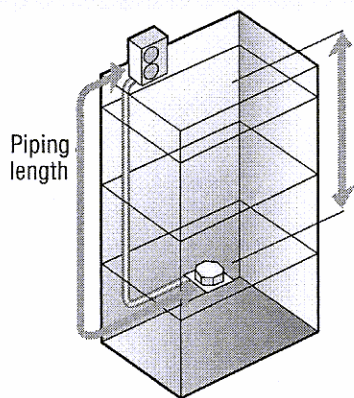
Enhanced installation workability thanks to the extended pipe length – longest level in the industry and pre-charged refrigerant.

Point
1

Piping length – 100m (Hyper Inverter 4~6HP)

Refer to our Technical Manual in detail

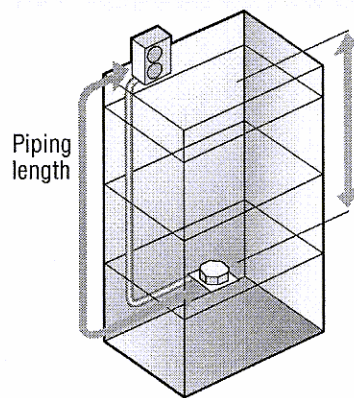
Hyper Inverter



Height difference
(Outdoor higher than Indoor)

HP	Piping length	Height difference
1.5~2.5	30m	20m
3	50m	30m
4~6	100m	30m

Micro Inverter



Height difference
(Outdoor higher than Indoor)

HP	Piping length	Height difference
4~6	50m	30m
8~10	70m	30m

Point
2

Refrigerant precharged piping length extending to 30m

Refrigerant precharged piping length extends up to 30m. (1.5~2.5HP:15m)

This eliminates the need to add refrigerant on site, which sets it free from trouble of excessive or insufficient charging of refrigerant, and allows carrying out the installation smoothly.

Outdoor unit
FDC71VNX

Outdoor Unit		FDC71VNX
Cooling (Nominal)	kW	7.10
Cooling Range	kW	3.20 to 8.00
E.E.R (Energy Label)		3.48 (A)
Heating (Nominal)	kW	8.00
Heating Range	kW	3.60 to 9.00
C.O.P (Energy Label)		4.12 (A)
Exterior Dimensions (H x W x D)	mm	750 x 880(+88) x 340
Net Weight	mm	60
Sound Pressure Level	dB(A)	51
ELECTRICAL DATA		
Power Source Rating MCB	A	25
Mains Power To	Outdoor	1Phase 220-240V 50Hz, 1Phase 2
Interconnecting Wires		3+E
Running Current - Cooling	A	9.1
Running Current - Heating	A	8.7
Start Current	A	17
Power Input - Cooling	kW	2.04
Power Input - Heating	kW	1.94
INSTALLATION/REFRIGERANT		
Ref. Max Piping size	Liquid	3/8"(9.52)
	Gas	5/8"(15.88)
Ref. Max Piping Length	m	50
Vertical Height Difference (Max) - Outdoor Unit Above Indoor Unit	m	30
Outdoor Unit Below Indoor Unit	m	15
Refrigerant Amount Precharged	kg	2.5
For Pipe Length Up To	m	30
Additional Refrigerant	g/m	60

Indoor unit
FDT71VD

Indoor Unit		FDT71VD
Exterior Dimensions (H x W x D)	mm	246 x 840 x 840
Net Weight	kg	24.00
Air Volume (L - M - H)	m³/s	0.28 - 0.32 - 0.35
Sound Pressure Level (L / M / H)	dB(A)	0.28 / 0.32 / 0.35