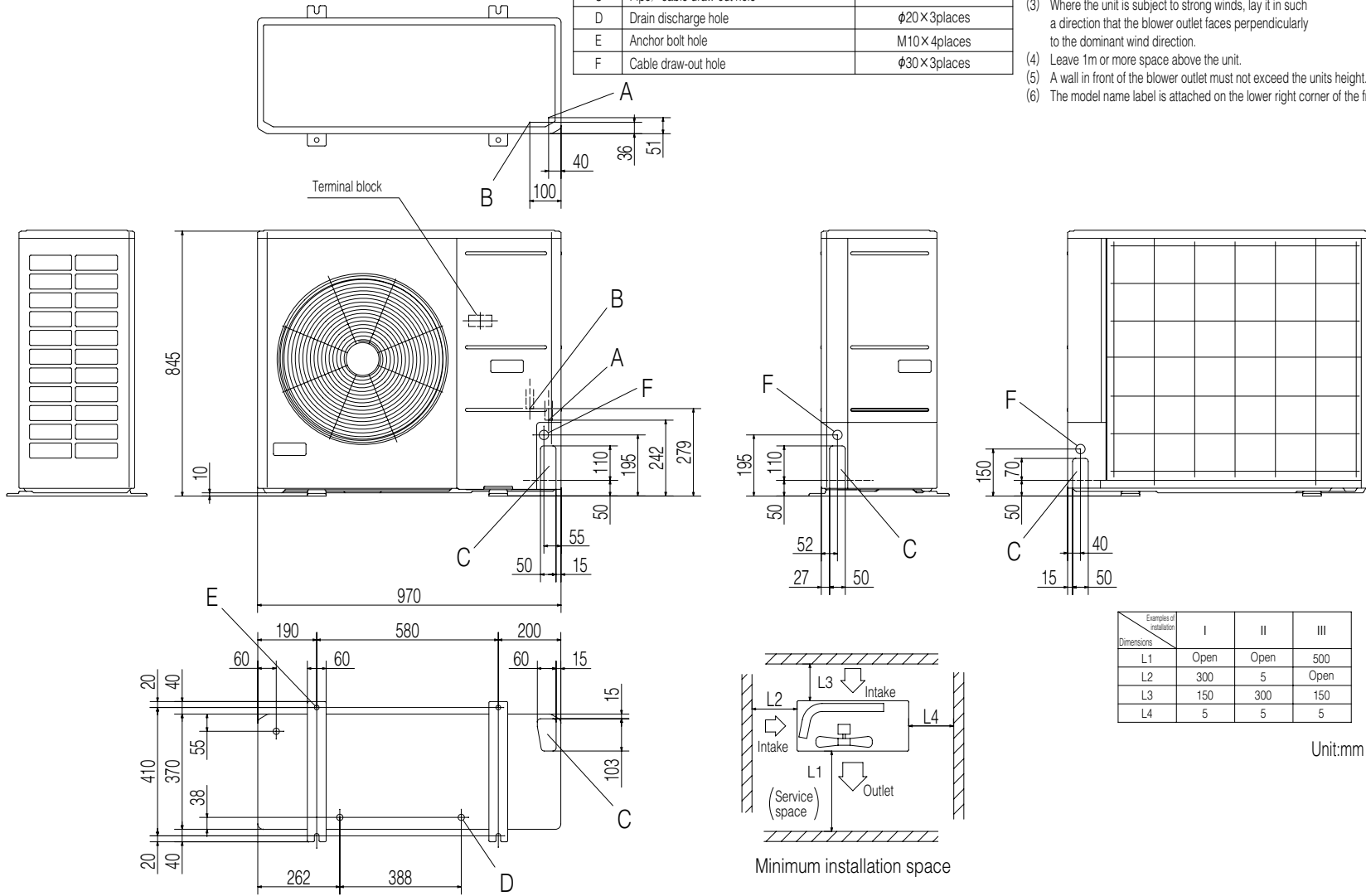


**Models FDC100VN, 125VN, 140VN  
FDC100VS, 125VS, 140VS**

Symbol	Content	
A	Service valve connection (gas side)	φ15.88(5/8") (Flare)
B	Service valve connection (liquid side)	φ9.52(3/8") (Flare)
C	Pipe / cable draw-out hole	
D	Drain discharge hole	φ20×3places
E	Anchor bolt hole	M10×4places
F	Cable draw-out hole	φ30×3places

Notes

- (1) It must not be surrounded by walls on the four sides.
- (2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- (3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
- (4) Leave 1m or more space above the unit.
- (5) A wall in front of the blower outlet must not exceed the unit's height.
- (6) The model name label is attached on the lower right corner of the front panel.



PCA001Z535

Adapted to **RoHS** directive

Model		FDC140VN		
Item				
Power source		220-240V ~ 50Hz / 220V ~ 60Hz		
Operation data		Cooling	Heating	
Nominal capacity	kW	14.0 [ 5.0 (Min.) ~ 14.5 (Max.)]	16.0 [ 4.0 (Min.) ~ 16.5 (Max.)]	
Sound Pressure Level	dB(A)	51		
Exterior dimensions Height x Width x Depth	mm	845 x 970 x 370		
Exterior appearance (Munsell color)		Stucco White (4.2Y7.5/1.1) near equivalent		
Net weight	kg	81		
Refrigerant equipment Compressor type & Q'ty		RMT5126MDE2 x 1		
Starting method		Direct line start		
Refrigerant oil	ℓ	0.9 M-MA68		
Heat exchanger		Straight fin & inner grooved tubing		
Refrigerant control		Electronic expansion valve		
Air handling equipment Fan type & Q'ty		Propeller fan x 1		
Motor <Starting method>	W	86 < Direct line start >		
Air flow (Standard)	CMM	Cooling : 75, Heating : 73		
Shock & vibration absorber		Rubber sleeve (for Compressor )		
Electric heater	W	20 (Crank case heater)		
Safety equipment		Internal thermostat for fan motor Abnormal discharge temperature protection.		
Installation data Refrigerant piping size	mm	Liquid line : $\phi$ 9.52 (3/8") Gas line : $\phi$ 15.88 (5/8")		
Connecting method		Flare piping		
Refrigerant line (one way) length		Max.50m		
Vertical height difference between outdoor unit and indoor unit		Max.30m (Outdoor unit is higher) Max.15m (Outdoor unit is lower)	※1. See page 154 and 155	
Refrigerant Quantity		R410A 3.8kg in outdoor unit (incl. the amount for the piping of : 30m)		
Drain		Holes size $\phi$ 20 x 3pcs		
Insulation for piping		Necessary (both Liquid & Gas lines)		
Standard Accessories		Edging		
Notes (1) The data are measured at the following conditions.				
	Indoor air temperature		Outdoor air temperature	
Operation	DB	WB	DB	WB
Cooling	27°C	19°C	35°C	24°C
Heating	20°C		7°C	6°C
(2) This packaged air-conditioner is manufactured and tested in conformity with the ISO.				
(3) Sound pressure level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient temperature.				
(4) The operation data indicates when the air-conditioner is operated at 230V50Hz or 220V60Hz.				

**(2) Outdoor units**

Measured based on JIS B 8616

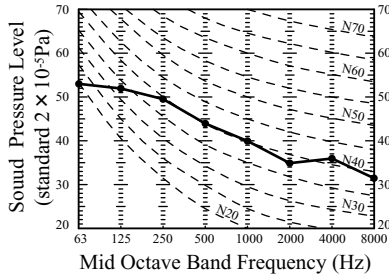
Mike position: at highest noise level in position as mentined below

Distance from front side 1m

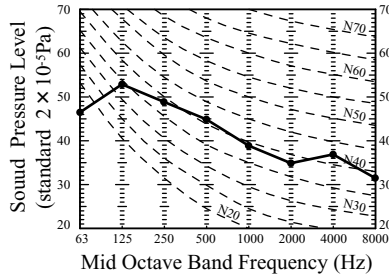
Height 1m

**Models SRC40ZIX-S, 50ZIX-S**

**Cooling noise level 47 dB (A)**

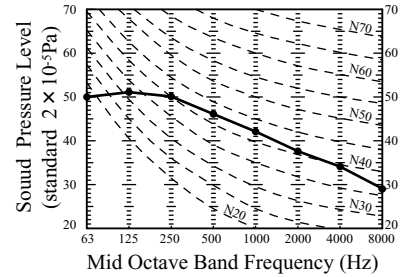


**Heating noise level 47 dB (A)**



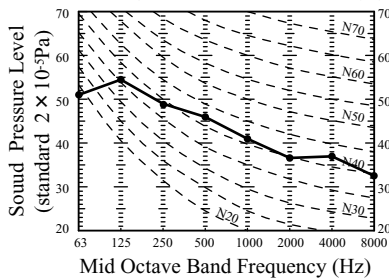
**Model SRC60ZHIX-S**

**Cooling noise level 48 dB (A)**

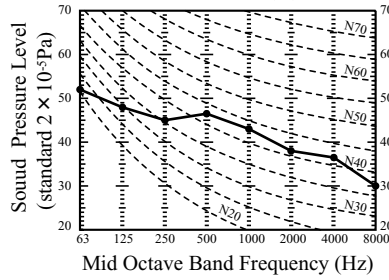


**Model FDC71VN**

**Heating noise level 48 dB (A)**

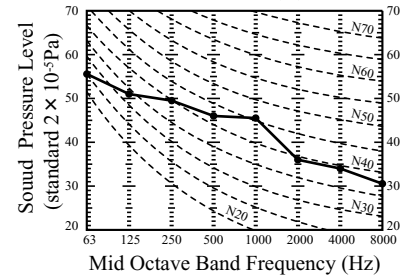


**Noise level 48 dB (A)**



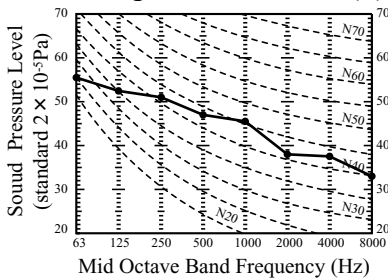
**Model FDC100VN,100VS**

**Noise level 49 dB (A)**

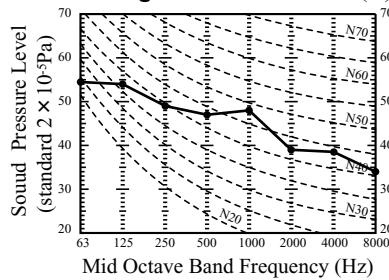


**Model FDC125VN,125VS**

**Cooling noise level 50 dB (A)**

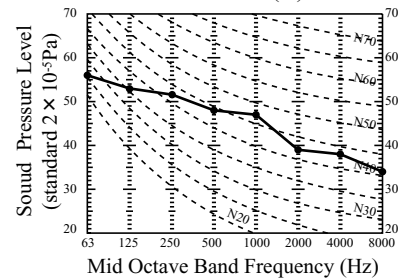


**Heating noise level 51 dB (A)**



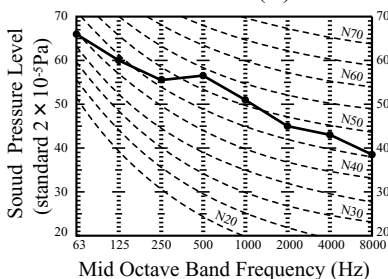
**Model FDC140VN,140VS**

**Noise level 51 dB (A)**



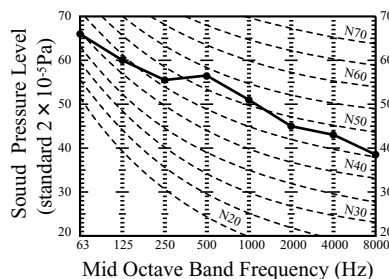
**Model FDC200VS**

**Noise level 57 dB (A)**



**Model FDC250VS**

**Cooling noise level 57 dB (A)**



**Heating noise level 58 dB (A)**

