

MHI

THCHNICAL MANUAL

HYPER INVERTER PACKAGED AIR-CONDITIONERS

(Split system, Air to air heat pump type)

FLOOR STANDING TYPE

Single type

- Single phase use
FDF71VNXVD
100VNXVD
125VNXVD
140VNXVD

- 3 phase use
FDF100VSXVD
125VSXVD
140VSXVD

Twin type

- Single phase use
FDF140VNXVVD

- 3 phase use
FDF140VSVXVVD

MICRO INVERTER PACKAGED AIR-CONDITIONERS

(Split system, Air to air heat pump type)

FLOOR STANDING TYPE

Single type

- Single phase use
FDF100VNVD
125VNVD
140VNVD

- 3 phase use
FDF100VSVD
125VSVD
140VSVD

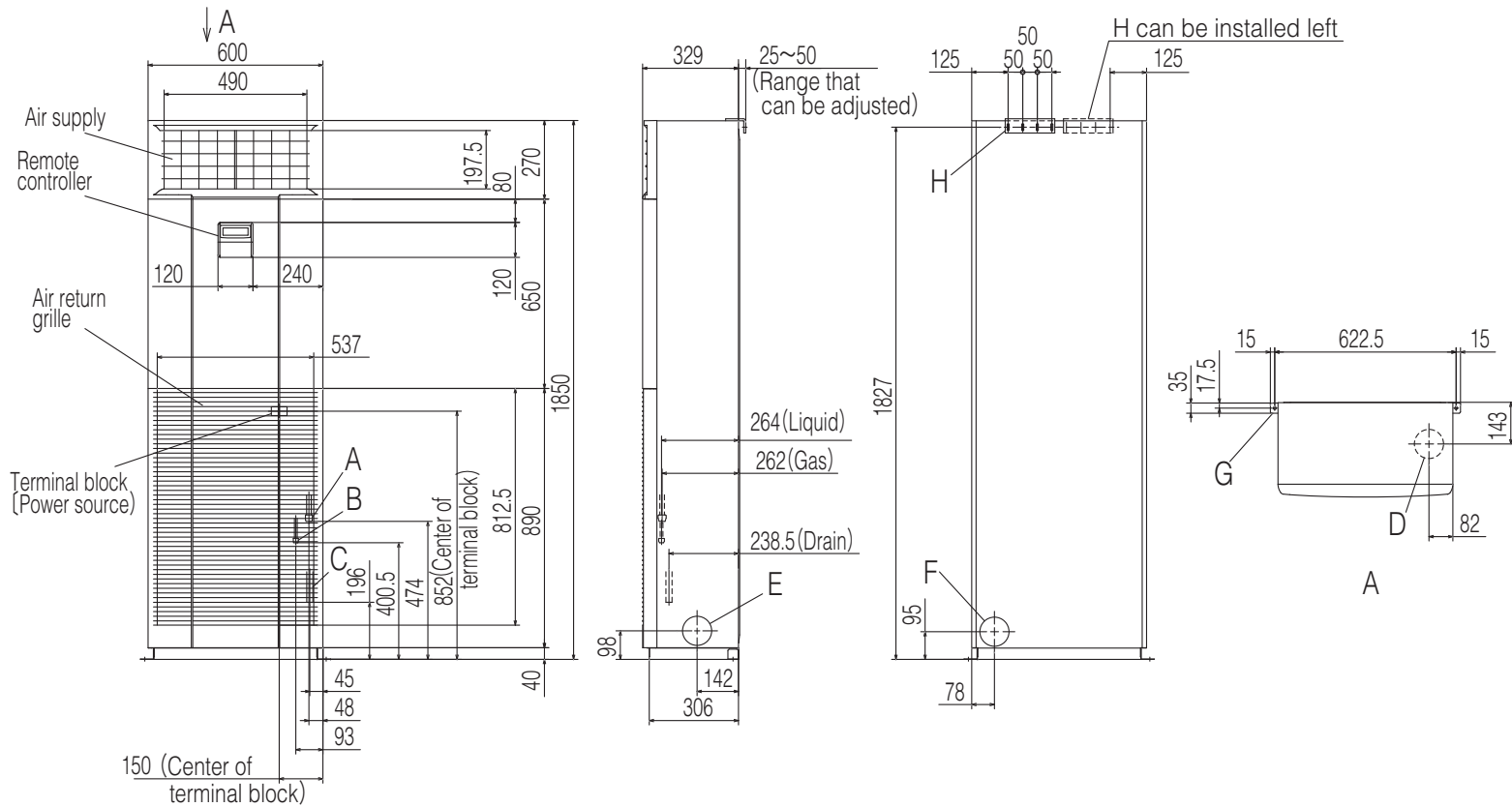
Twin type

- Single phase use
FDF140VNPVD

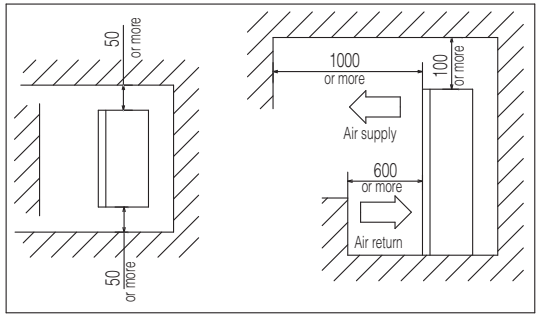
- 3 phase use
FDF140VSPVD
200VSPVD
250VSPVD

2. EXTERIOR DIMENSIONS

(1) Indoor units
Models All model



Space for installation and service



Symbol	Content	
A	Gas piping	φ15.88(5/8") (Flare)
B	Liquid piping	φ9.52(3/8") (Flare)
C	Drain piping	φ20 (VP20)
D	Hole on wall for bottom piping	φ100 (Resin cap having)
E	Hole on wall for side piping	φ100 (Knock out)
	Fresh air intake (Both left and right)	
F	Hole on wall for rear piping	φ100 (Knock out)
G	Metal fittings to fix to floor face	M8 (2 places)
H	Fall prevention metal fittings	4-7x25 (Slot)

Deleted

Note (1) The model name label is attached on the left lower side panel inside the air return grille.

Unit:mm

PGA000Z781

5. TEMPERATURE DISTRIBUTION

Indoor temperature
 Cooling 27°CDB/19°CWB
 Heating 20°CDB

Note:

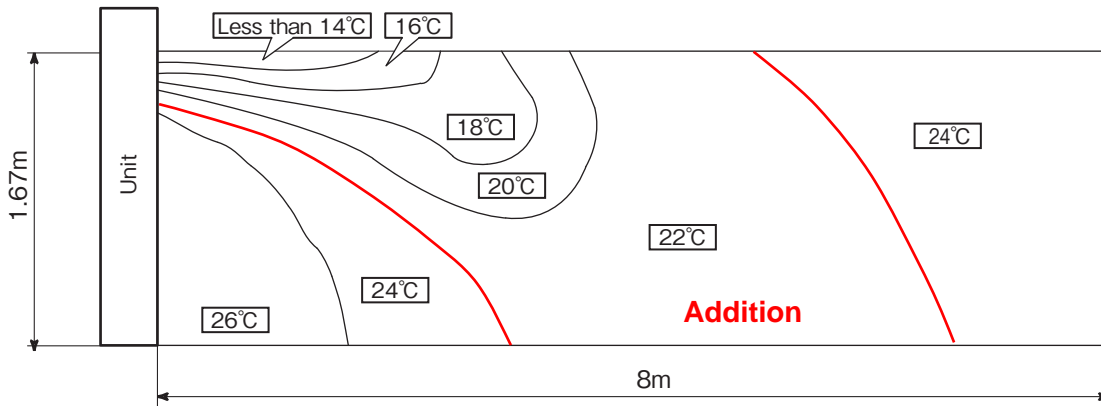
These figures represent the typical main range of temperature and velocity distribution at the center of air outlet within the published conditions.

In the actual installation, they may differ from the typical figures under the influence of air temperature conditions, ceiling height, operation conditions and obstacles.

Models All model

(1) Cooling Air flow:Hi (Louver position:Horizontal)

Temperature distribution



(2) Heating Air flow:Hi (Louver position:Horizontal)

Temperature distribution

Revision

