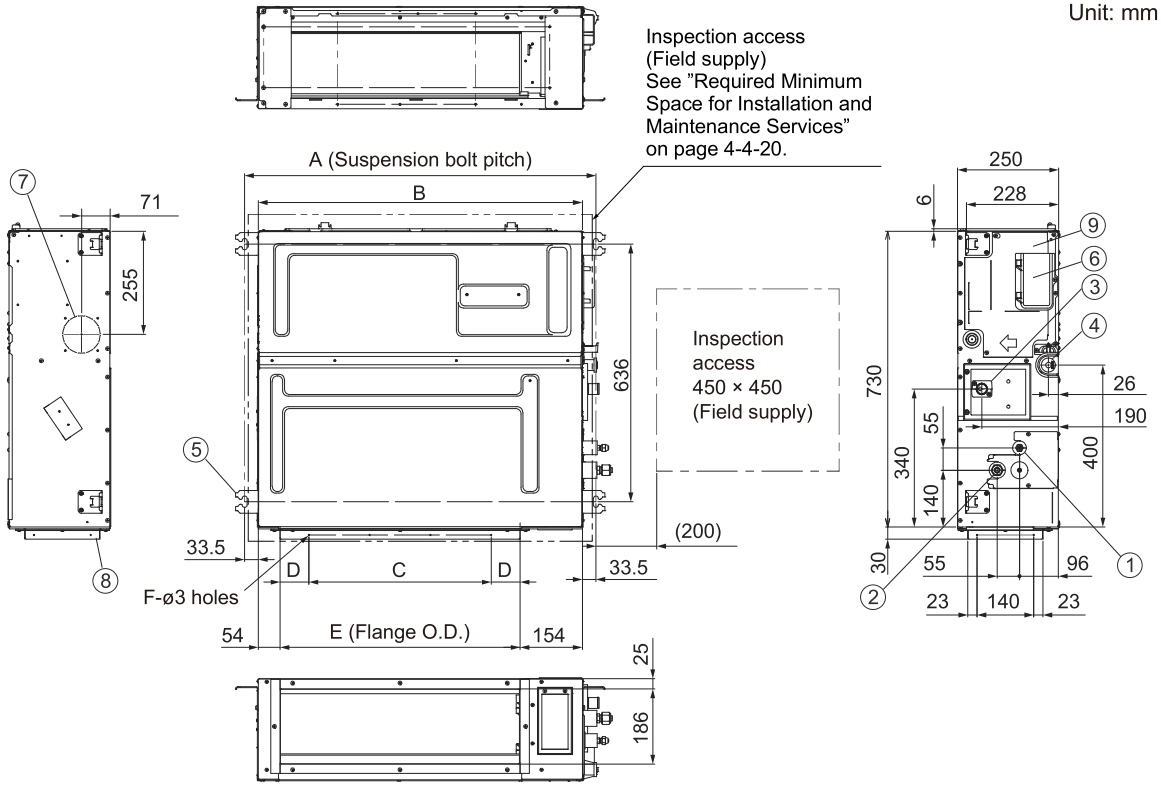
5. Middle Static Pressure Duct (Type F3)

5-3. Dimensional Data

Indoor unit : S-15MF3E5D, S-22MF3E5D, S-28MF3E5D, S-36MF3E5D, S-45MF3E5D, S-56MF3E5D, S-60MF3E5D, S-73MF3E5D, S-90MF3E5D, S-106MF3E5D, S-112MF3E5D, S-140MF3E5D, S-160MF3E5D

Type	A	B	C	D	E	F
	mm	mm	mm	mm	mm	Q'ty
S-15MF3E5D, S-22MF3E5D, S-28MF3E5D, S-36MF3E5D, S-45MF3E5D, S-56MF3E5D	867	800	450 (Pitch 150 × 3)	71	592	12
S-60MF3E5D, S-73MF3E5D, S-90MF3E5D	1,067	1,000	750 (Pitch 150 × 5)	21	792	16
S-106MF3E5D, S-112MF3E5D, S-140MF3E5D, S-160MF3E5D	1,467	1,400	1,050 (Pitch 150 × 7)	71	1,192	20

Unit: mm



①	Refrigerant tubing joint (liquid tube)	
	ø6.35 (flared)	S-15MF3E5D, S-22MF3E5D, S-28MF3E5D, S-36MF3E5D, S-45MF3E5D, S-56MF3E5D, S-60MF3E5D, S-73MF3E5D, S-90MF3E5D
	ø9.52 (flared)	S-106MF3E5D, S-112MF3E5D, S-140MF3E5D, S-160MF3E5D
②	Refrigerant tubing joint (gas tube)	
	ø12.7 (flared)	S-15MF3E5D, S-22MF3E5D, S-28MF3E5D, S-36MF3E5D, S-45MF3E5D, S-56MF3E5D, S-60MF3E5D, S-73MF3E5D, S-90MF3E5D
	ø15.88 (flared)	S-106MF3E5D, S-112MF3E5D, S-140MF3E5D, S-160MF3E5D
③	Upper drain port VP20 (ø26 mm) 200 mm flexible hose supplied	
④	Bottom drain port VP20 (ø26 mm)	
⑤	Suspension lug (4 – 12 × 30 mm)	
⑥	Power supply outlet	
⑦	Fresh air intake port (ø100 mm) *	
⑧	Flange for flexible air outlet duct	
⑨	Electrical component box	

* Necessary to attach duct connecting flange (field supply).

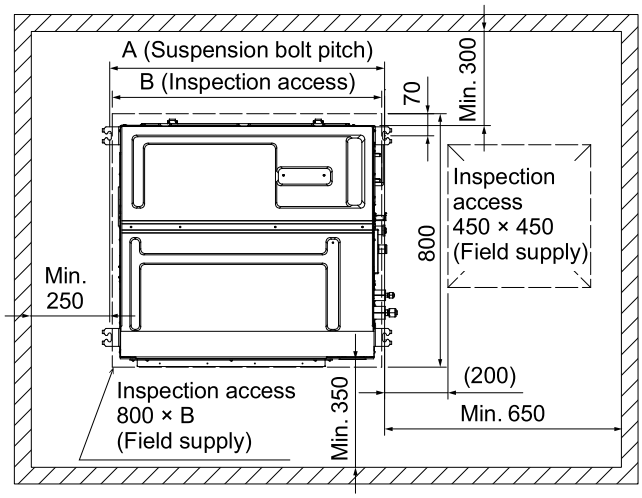
5. Middle Static Pressure Duct (Type F3)

Required Minimum Space for Installation and Maintenance Services

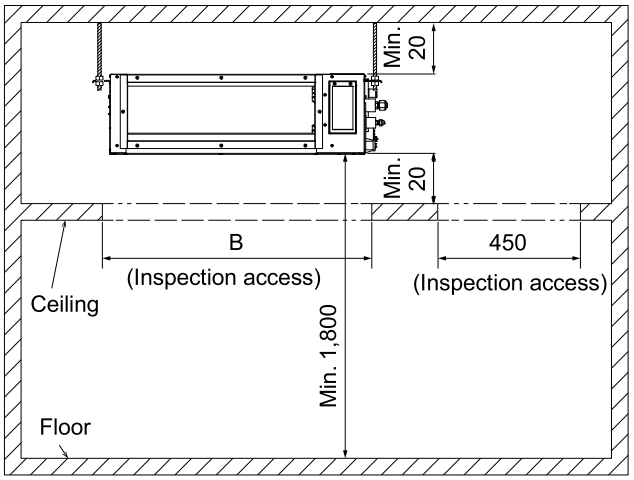
- This air conditioner is usually installed above the ceiling or behind the wall so that the indoor unit and ducts are not visible. Only the air intake and air outlet ports are visible from below.
- The minimum space for installation and maintenance services is shown in the figure.

< Horizontal installation >

Unit: mm



Unit: mm



Minimum space for installation and maintenance services

Unit: mm

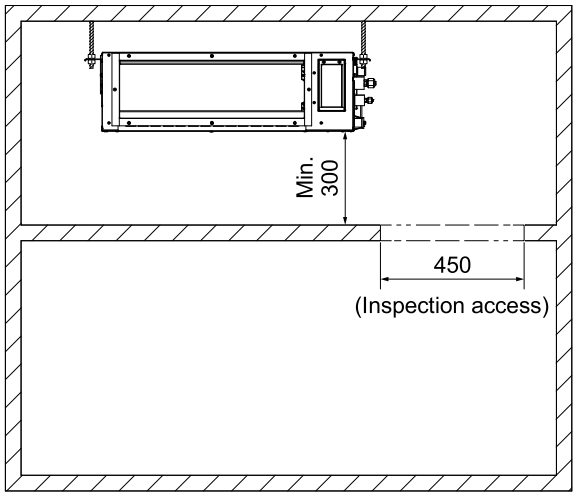
Type	15, 22, 28, 36, 45, 56	60, 73, 90	106, 112, 140, 160
A (Length)	867	1,067	1,467
B (Length)	850	1,050	1,450

It is necessary to make space for the cleaning and maintenance of the drain pan, the heat exchanger and filter fixed inlet.
Do not put any obstacle not to cause obstructing maintenance or cleaning works.
If the place where the ceiling material cannot be removed, make an inspection access (800 × B) below the bottom surface of the indoor unit in order to take it out.

If no space to provide inspection access (800 × B), there are two alternative cases (① or ② as below). However, when choosing those cases, there is not enough space available to offer heat exchanger maintenance service.

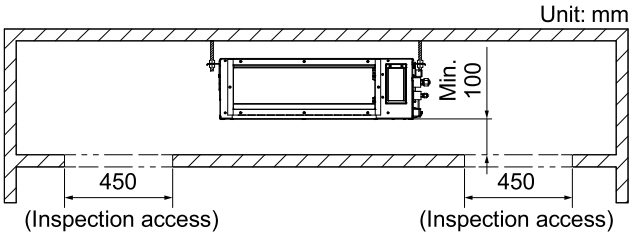
① Make space more than 300 mm between the indoor unit's bottom surface and the ceiling material.

Unit: mm

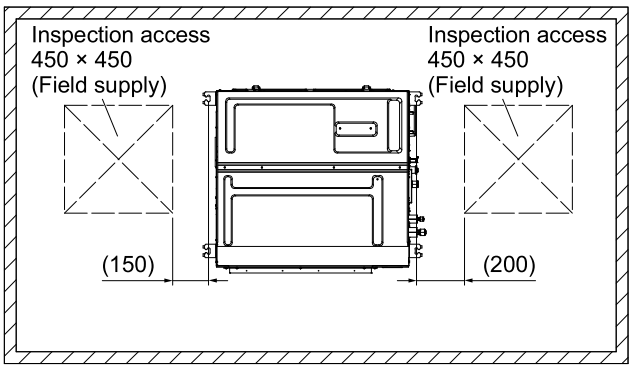


② Install Inspection access (450 × 450) both edge of indoor unit and make space more than 100 mm between the indoor unit's bottom surface and the ceiling material.

Unit: mm

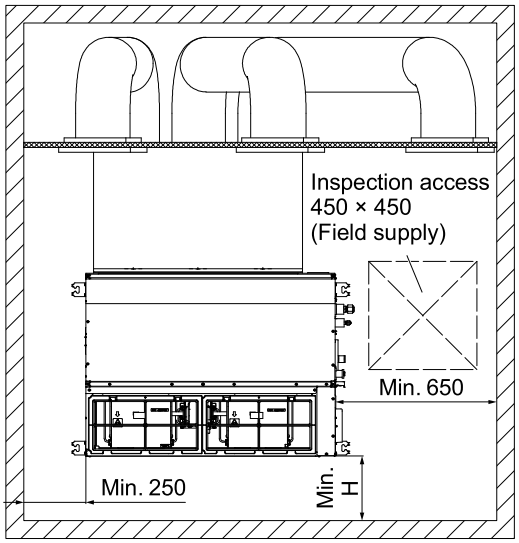


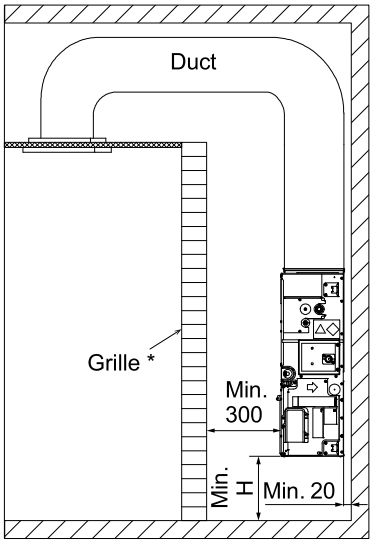
Unit: mm



5. Middle Static Pressure Duct (Type F3)

< Vertical installation >

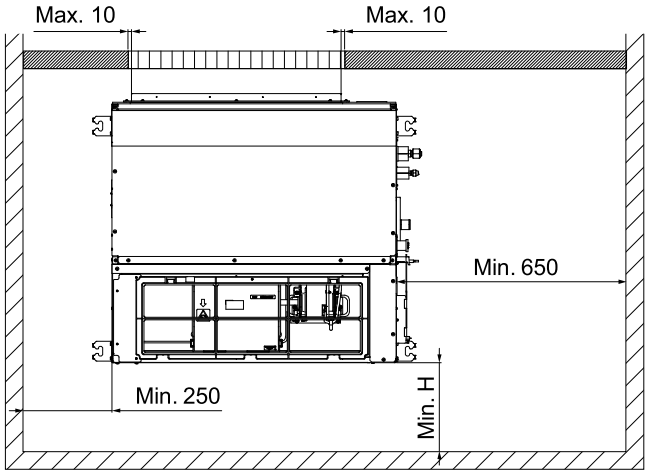


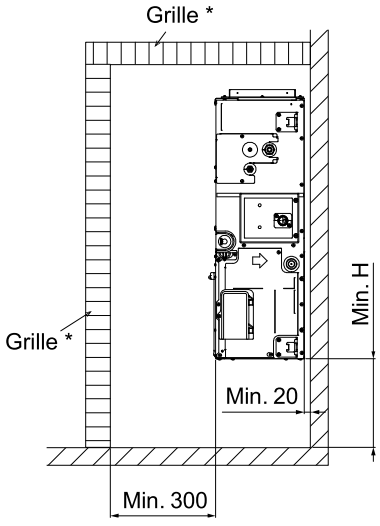


Unit: mm

H
- Lower side air intake with duct : 300 mm
- Lower side air intake without duct : 200 mm
- Front side air intake : 150 mm

* Make it possible to open / close for maintenance services for the drain pan, the heat exchanger and filter fixed inlet.





Unit: mm

H
- Lower side air intake with duct : 300 mm
- Lower side air intake without duct : 200 mm
- Front side air intake : 150 mm

* Make it possible to open / close for maintenance services.

- It is recommended that the space be provided (450 × 450 mm) for checking and servicing the electrical system.