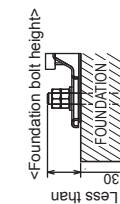


4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: front, right, rear and below.

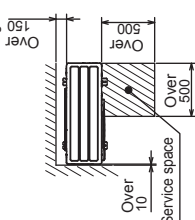
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)



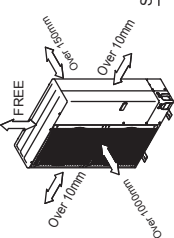
2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.



1 FREE SPACE (Around the unit)

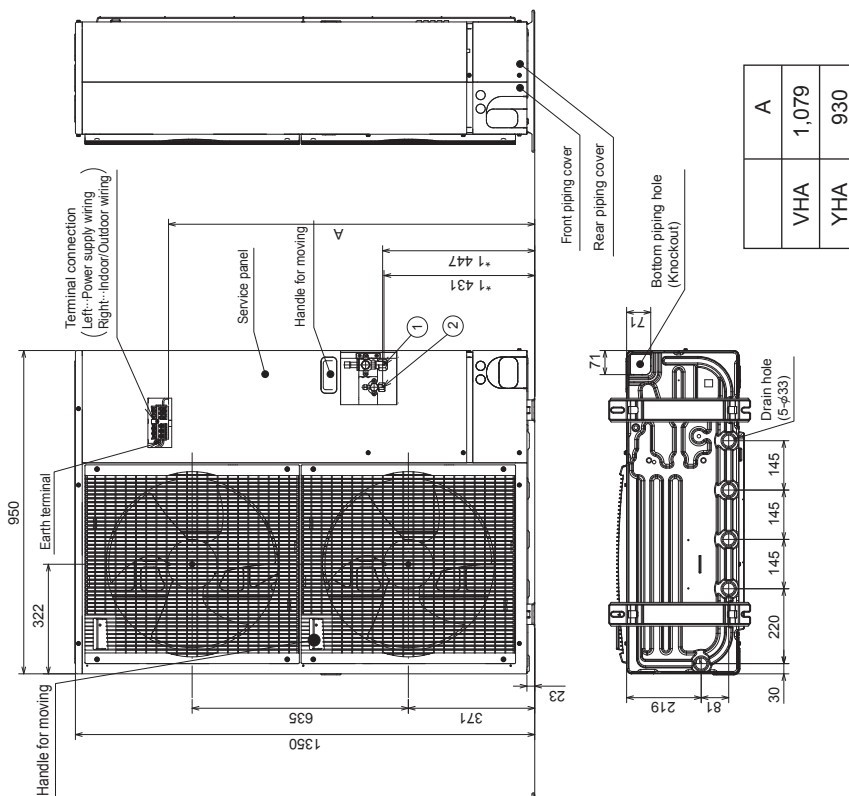
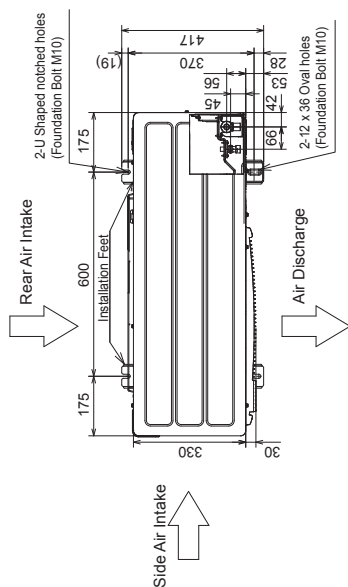
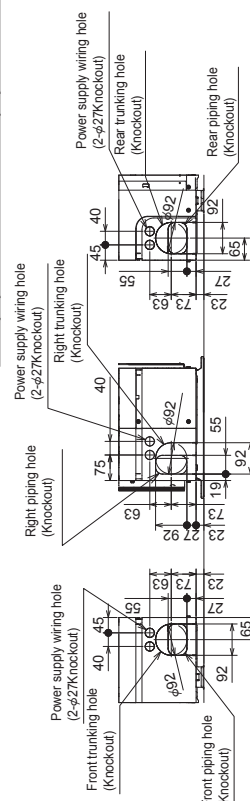
The diagram below shows a basic example.



Example of Notes

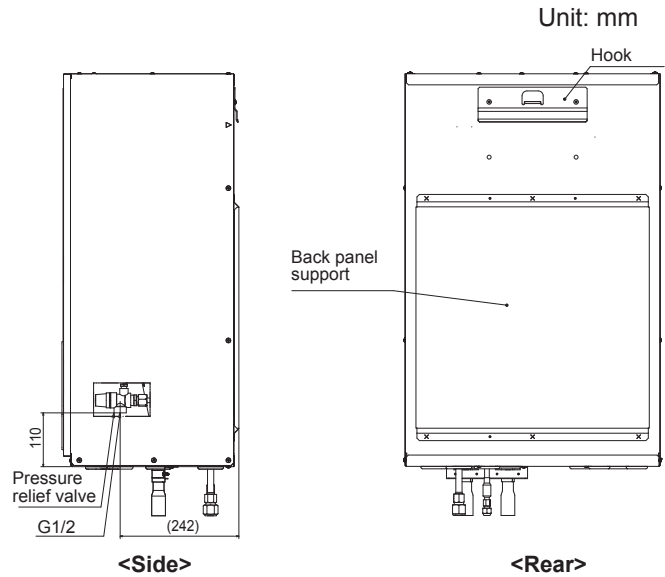
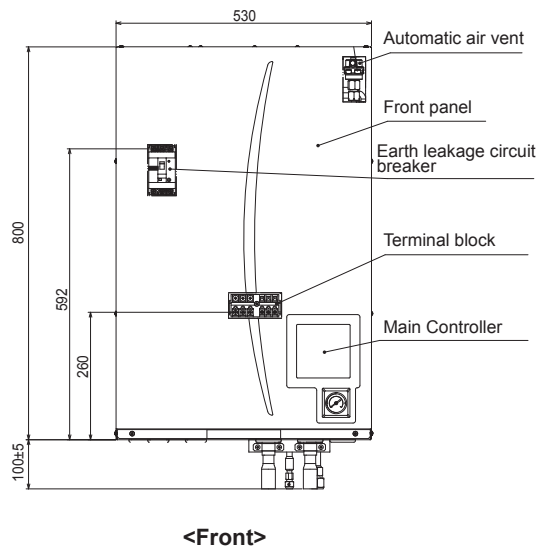
- ①...Refrigerant GAS pipe connection (FLARE)φ15.88(5/8 inch)
②...Refrigerant LIQUID pipe connection (FLARE)φ 9.52(3/8 inch)
*1 ...Indication of STOP VALVE connection location.

Piping Knockout Hole Details

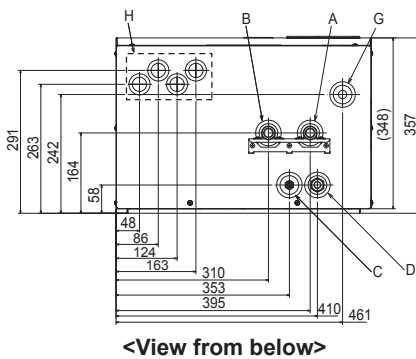


	A
VHA	1,079
YHA	930

5-1. Technical Drawings

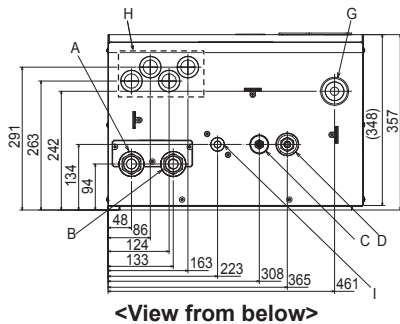


<EHS*> (Split model system)

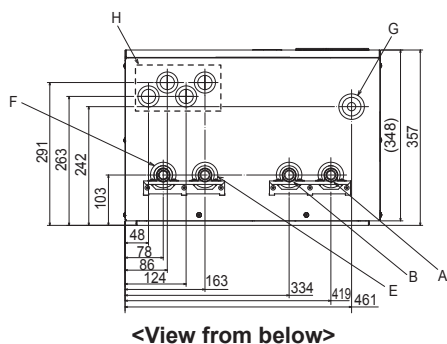


Letter	Pipe description	Connection size/type
A	Space heating/Indirect DHW tank (primary) return connection	28 mm/Compression (EHS*-* and EHPX**) G1 nut (ERS*-*)
B	Space heating/Indirect DHW tank (primary) flow connection	28 mm/Compression (EHS*-* and EHPX**) G1 nut (ERS*-*)
C	Refrigerant (Liquid)	6.35 mm/Flare (E*SD*-) 9.52 mm/Flare (E*SC*-)
D	Refrigerant (Gas)	12.7 mm/Flare (E*SD*-) 15.88 mm/Flare (E*SC*-)
E	Flow connection from heat pump	28 mm/Compression (EHPX*-)
F	Return connection to heat pump	28 mm/Compression (EHPX*-)
G	Discharge pipe (by installer) from pressure relief valve	G1/2" female (valve port within hydrobox casing)
H	Electrical cable inlets 	For inlets ① and ②, run high-voltage wires including power cable, indoor-outdoor cable, and external output wires. For inlets ③ and ④, run low-voltage wires including external input wires and thermistor wires. For a wireless receiver (option) cable, use inlet ④.
I	Drain socket	O.D. ø20

<ERS*> (Split model system for heating and cooling)



<EHPX> (Packaged model system)



<Table 5-1>

UNIT : mm

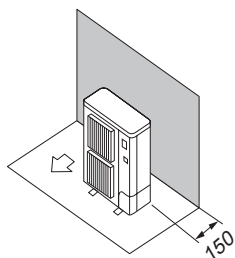


Fig. 3-6

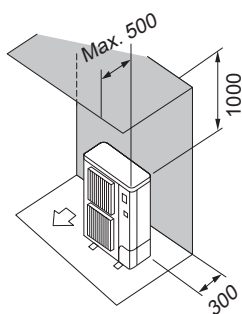


Fig. 3-7

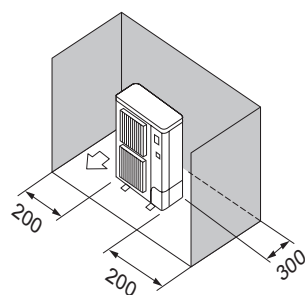


Fig. 3-8

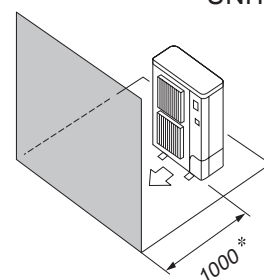


Fig. 3-9

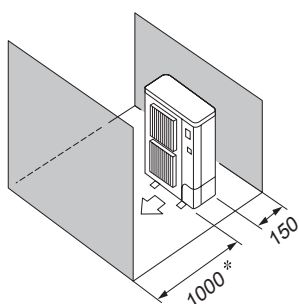


Fig. 3-10

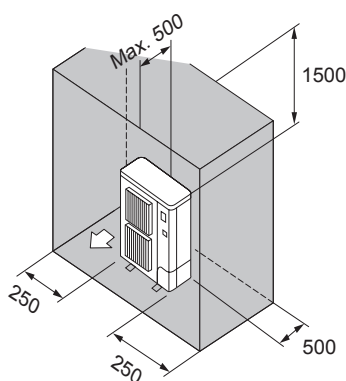


Fig. 3-11

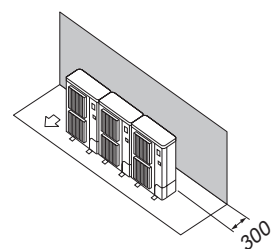


Fig. 3-12

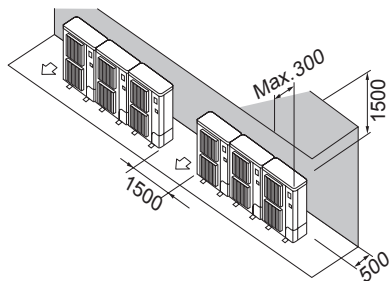


Fig. 3-13

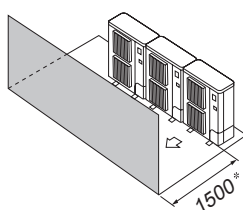


Fig. 3-14

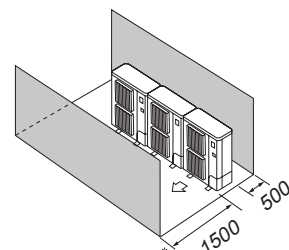


Fig. 3-15

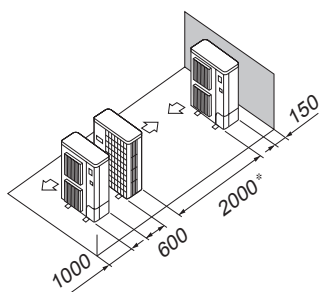


Fig. 3-16

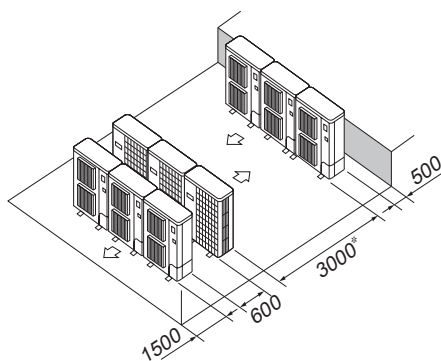


Fig. 3-17

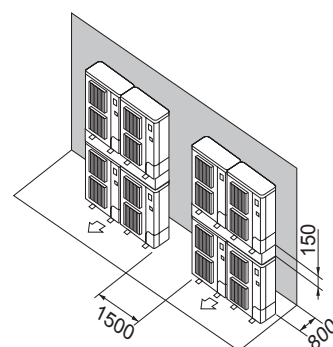


Fig. 3-18