

Schedule Reference:

Reducer - Between Main BC and Sub BC
CMY-R306S-G For KB1 type

1. Installation/foundation work, electrical connection work, insulation work, power source switch, and other items shall be referred to the Installation Manual.
2. The equipment is for R410A refrigerant.
3. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors.
(For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.)
4. Sound pressure/power level differs depending on the connected outdoor/heat source unit capacity or operation condition.
The sound pressure/power level at the rated operation is the value of the cooling mode.
5. The sound pressure/power level values were obtained in an anechoic room. Actual sound pressure level is usually greater than that measured in anechoic room due to ambient noise and deflection sound.
6. The sound pressure level values were obtained at the location below 1.5m from the unit.
7. The solenoid valve switching sound is 56 dB (sound pressure level) regardless of the unit model.
8. Refrigerant piping diameter for connection of plural indoor units with 1 branch shall be referred to the Installation Manual.
9. This unit is not designed for outside installations.
10. When brazing the pipes, be sure to braze, after covering a wet cloth to the insulation pipes of the units in order to prevent it from burning and shrinking by heat.
11. Can't use singleness. (MAIN BC CONTROLLER is necessary)

Specifications are subject to change without notice.

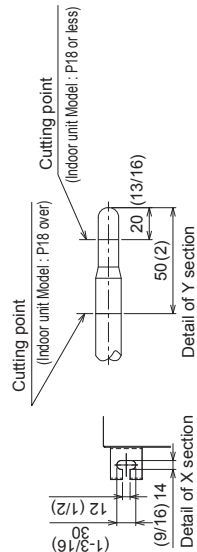
Module: CMB-P104NU-KB1- DIMENSIONS

Unit: mm (in.)

<Accessories>

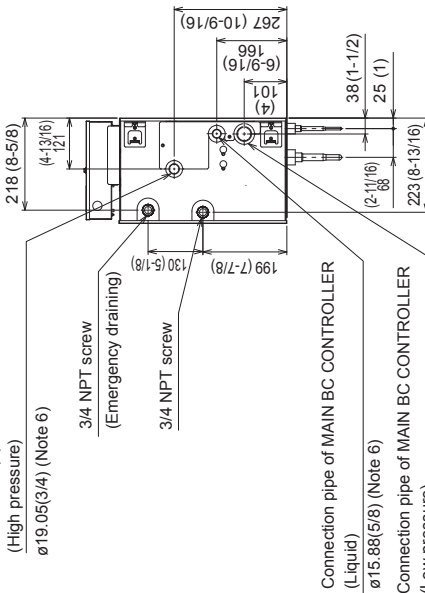
- Square washer (with cushion).....4pcs.
- Square washer.....4pcs.

- Note 1. Suspension bolt(ø10) and nut(M10) prepare in the field.
 2. Take notice of service space as shown.
 (Please give attention not to occupy service space by letting ducts and pipes through.)
 3. Can't use singleness. (MAIN BC CONTROLLER is necessary.)
 4. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors.
 (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.)
 5. Refer to the Installation Manual for refrigerant piping diameter size when connecting plural indoor units with 1 branch.
 6. Refer to the Table-1 for connection pipe of MAIN BC CONTROLLER.
 7. Refer to the Installation Manual for insulation of connection pipe and drain piping.
 8. Do not place the BC controller directly on the floor.



Connection pipe of MAIN BC CONTROLLER
 (High pressure)

ø19.05(3/4) (Note 6)



Connection pipe of MAIN BC CONTROLLER
 (Liquid)

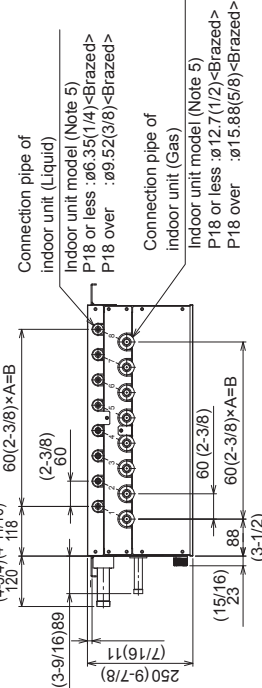
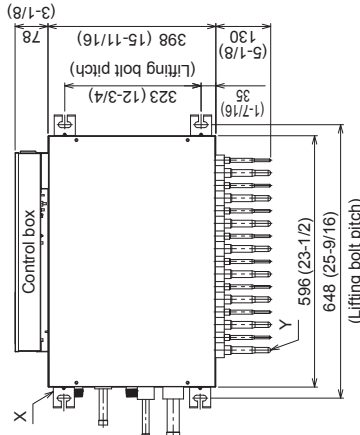
ø15.88(5/8) (Note 6)

Connection pipe of MAIN BC CONTROLLER
 (Low pressure)

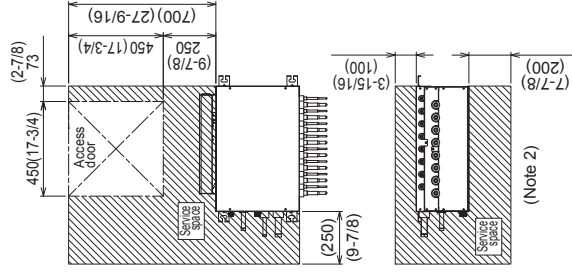
ø28.58(1-1/8) (Note 6)

Table-1. To other BC controller (Note 6)

Total downstream Indoor unit capacity	High press. Pipe	Liquid Pipe	Low press. Pipe
~P72	ø15.88(5/8)	ø9.52(3/8)	ø19.05(3/4)
P73~108	ø19.05(3/4)	ø9.52(3/8)	ø22.2(7/8)
P109~126	ø19.05(3/4)	ø12.7(1/2)	ø28.58(1-1/8)
P127~144	ø22.2(7/8)	ø12.7(1/2)	ø28.58(1-1/8)
P145~216	ø22.2(7/8)	ø15.88(5/8)	ø28.58(1-1/8)
P217~234	ø28.58(1-1/8)	ø15.88(5/8)	ø28.58(1-1/8)
P235~288	ø28.58(1-1/8)	ø19.05(3/4)	ø34.93(1-3/8)
P289~360	ø28.58(1-1/8)	ø19.05(3/4)	ø41.28(1-5/8)
P361~	ø34.93(1-3/8)	ø19.05(3/4)	ø41.28(1-5/8)



	A	B
CMB-P104NU-KB1	3	180(7-1/8)
CMB-P108NU-KB1	7	420(16-9/16)



(Note 2)

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