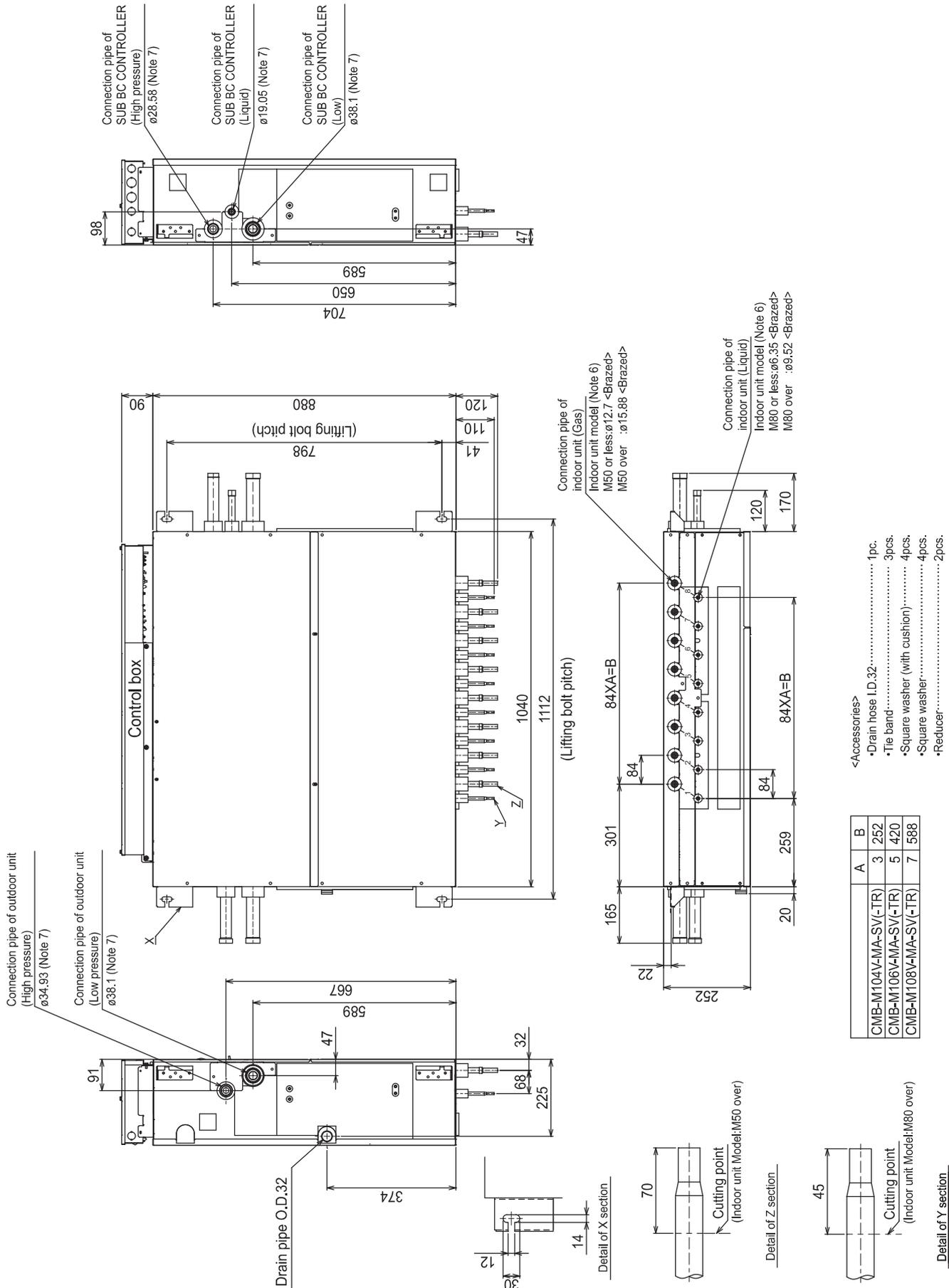


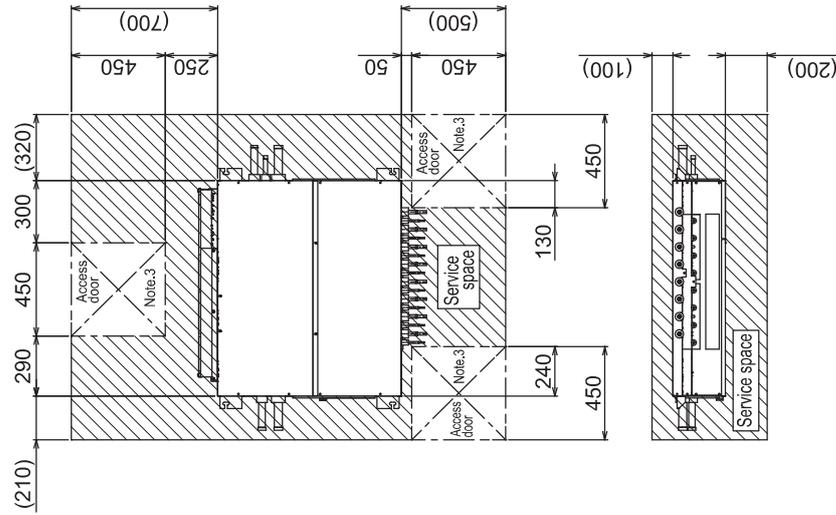
CMB-M104, 106, 108V-MA-SV(-TR)

Unit: mm



CMB-M104, 106, 108V-MA-SV(-TR)

Unit: mm



- 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.)
 The access doors in the service space are required for maintenance.
 Provide separate openings to bring down the product.
 3. If the piping is routed over the inspection port, it will not be possible to replace the service part.
 4. Please take service space for connection pipe of SUB BC CONTROLLER.
 5. 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.)
 6. Refer to the Installation Manual for refrigerant piping diameter size when connecting plural indoor units with 1 branch.
 7. Refer to the Table-1,2 connection pipe of outdoor unit or SUB BC CONTROLLER diameter size.
 8. Refer to the Installation Manual for insulation of connection pipe and drain piping.
 9. Do not place the BC controller directly on the floor.
 10. Installing pipes over the access doors will obstruct the replacement of service parts.
 11. Seal the opened connection pipes of the indoor unit.
 (Recommended sealing parts are sold separately.)

Table-1. To outdoor/heat source unit (Note.7)

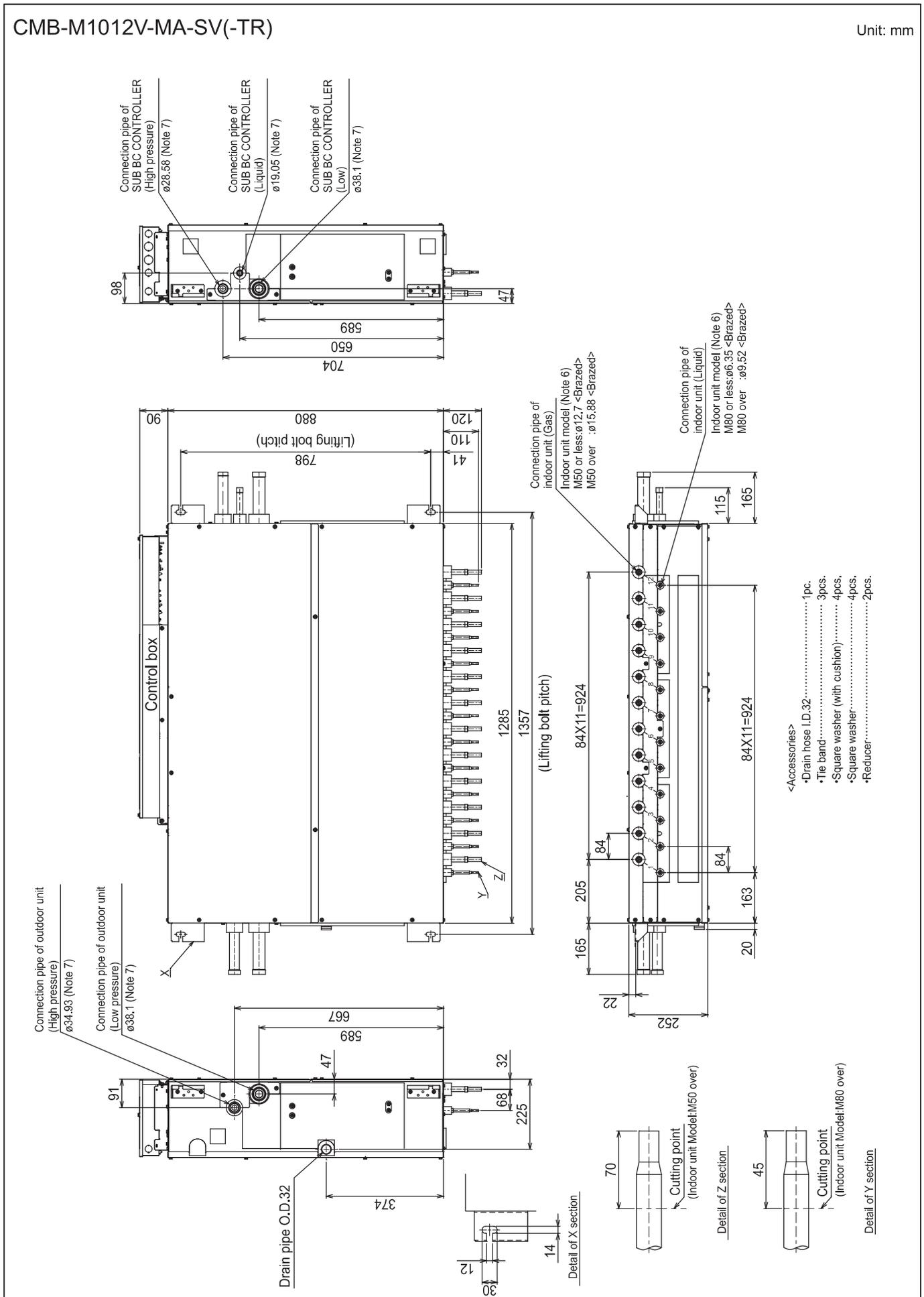
Connectable unit capacity	High press. Pipe	Low press. Pipe
M200	ø15.88	ø19.05
M250 to M300	ø22.2	ø22.2
M350	ø19.05	ø 28.58
M400 to M600	ø22.2	ø28.58
M650	ø28.58	ø28.58
M700 to M800	ø28.58	ø34.93
M850 to M1000	ø28.58	ø41.28

Table-2. To other BC controller (Note.7)

Total downstream Indoor unit capacity	High press. Pipe	Liquid Pipe	Low press. Pipe
M200 or below	ø15.88	ø9.52	ø19.05
M201 to 300	ø19.05	ø9.52	ø22.2
M301 to 350	ø19.05	ø12.7	ø28.58
M351 to 400	ø22.2	ø12.7	ø28.58
M401 to 600	ø22.2	ø15.88	ø28.58
M601 to 650	ø28.58	ø15.88	ø28.58
M651 to 800	ø28.58	ø19.05	ø34.93
M801 to 1000	ø28.58	ø19.05	ø41.28
M1001 or above	ø34.93	ø19.05	ø41.28

CMB-M1012V-MA-SV(-TR)

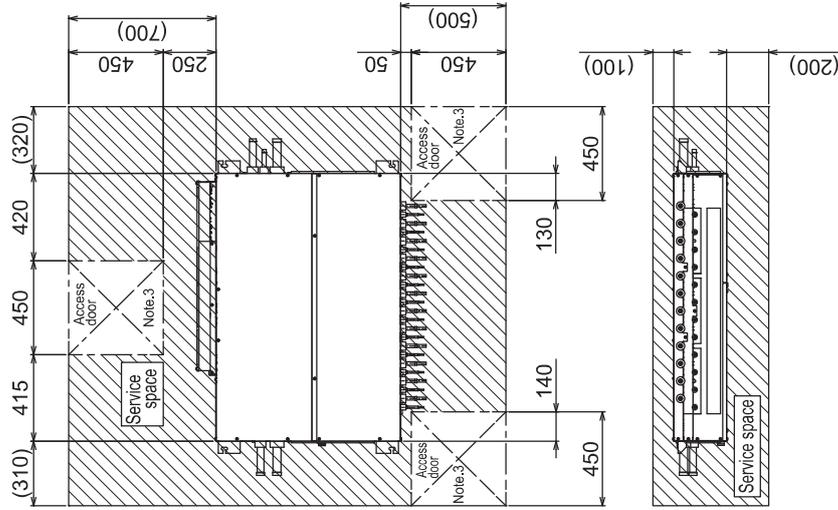
Unit: mm



Refrigerant (Low pressure) connection pipe is included in products manufactured in Oct. 2021 and later.

CMB-M1012V-MA-SV(-TR)

Unit: mm



- 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.)
 The access doors in the service space are required for maintenance.
 Provide separate openings to bring down the product.
 3. If the piping is routed over the inspection port, it will not be possible to replace the service part.
 4. Please take service space for connection pipe of SUB BC CONTROLLER.
 5. 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.)
 6. Refer to the Installation Manual for refrigerant piping diameter size when connecting plural indoor units with 1 branch.
 7. Refer to the Table-1,2 connection pipe of outdoor unit or SUB BC CONTROLLER diameter size.
 8. Refer to the Installation Manual for insulation of connection pipe and drain piping.
 9. Do not place the BC controller directly on the floor.
 10. Installing pipes over the access doors will obstruct the replacement of service parts.
 11. Seal the opened connection pipes of the indoor unit.
 (Recommended sealing parts are sold separately.)

Table-1. To outdoor/heat source unit (Note.7)

Connectable unit capacity	High press. Pipe	Low press. Pipe
M200	ø15.88	ø19.05
M250 to M300	ø22.2	ø28.58
M350	ø19.05	ø28.58
M400 to M600	ø22.2	ø28.58
M650	ø28.58	ø34.93
M700 to M800	ø28.58	ø41.28
M850 to M1000	ø28.58	

Table-2. To other BC controller (Note.7)

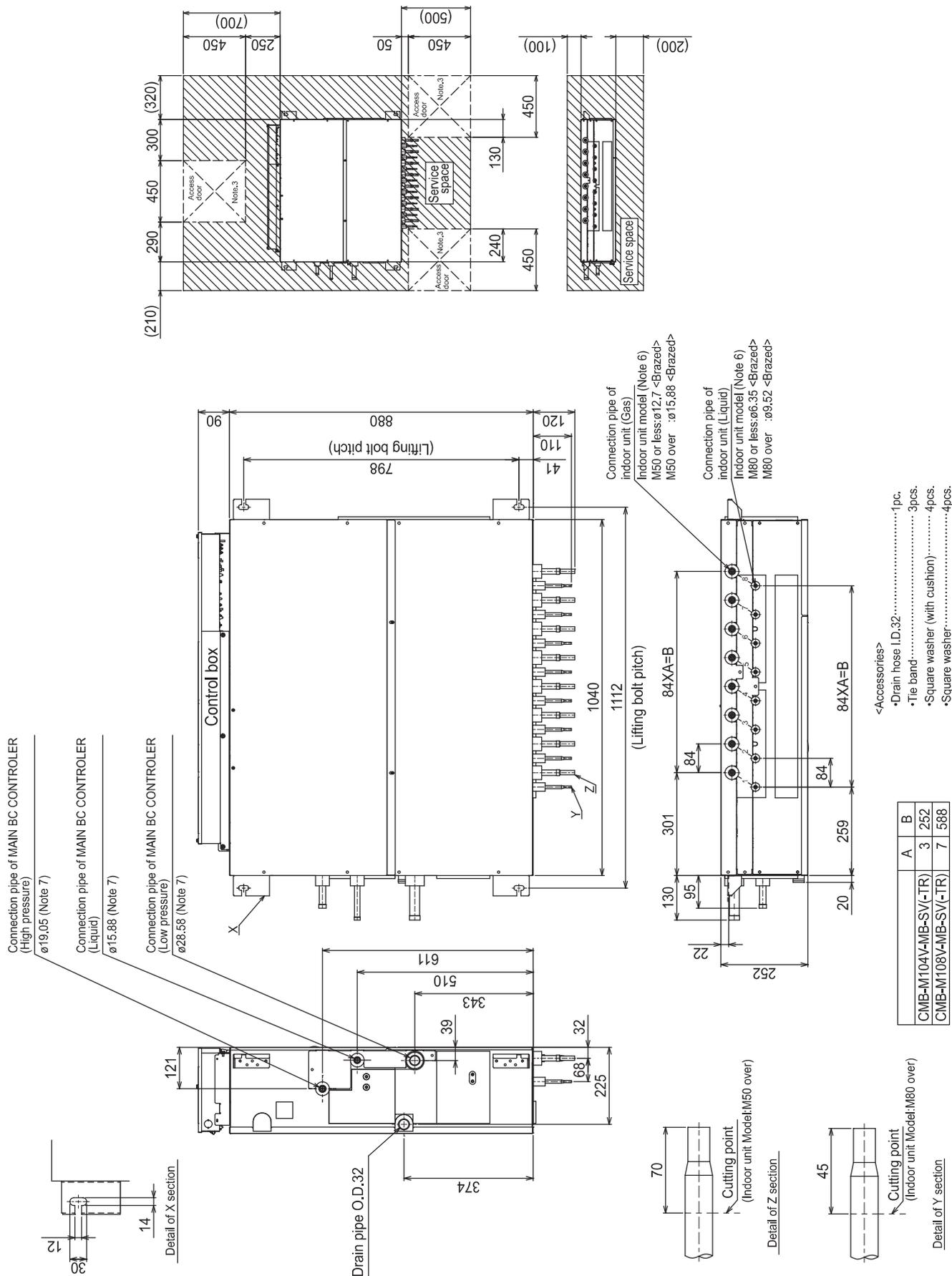
Total downstream Indoor unit capacity	High press. Pipe	Liquid Pipe	Low press. Pipe
M200 or below	ø15.88	ø9.52	ø19.05
M201 to 300	ø19.05	ø9.52	ø22.2
M301 to 350	ø19.05	ø12.7	ø28.58
M351 to 400	ø22.2	ø12.7	ø28.58
M401 to 600	ø22.2	ø15.88	ø28.58
M601 to 650	ø28.58	ø15.88	ø28.58
M651 to 800	ø28.58	ø19.05	ø34.93
M801 to 1000	ø28.58	ø19.05	ø41.28
M1001 or above	ø34.93	ø19.05	ø41.28

Refrigerant (Low pressure) connection pipe is included in products manufactured in Oct. 2021 and later.

CMB-M104, 108V-MB-SV(-TR)

Unit: mm

BC controller



CMB-M104, 108V-MB-SV(-TR)

Unit: mm

- 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.)
The access doors in the service space are required for maintenance. Provide separate openings to bring down the product.
3. If the piping is routed over the inspection port, it will not be possible to replace the service part.
 4. Can't use singleness. (MAIN BC CONTROLLER is necessary.)
 5. 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.)
 6. Refer to the Installation Manual for refrigerant piping diameter size when connecting plural indoor units with 1 branch.
 7. Refer to the Table-1 for connection pipe of MAIN BC CONTROLLER.
 8. Refer to the Installation Manual for insulation of connection pipe and drain piping.
 9. Do not place the BC controller directly on the floor.
 10. Installing pipes over the access doors will obstruct the replacement of service parts.
 11. Seal the opened connection pipes of the indoor unit.
(Recommended sealing parts are sold separately.)

Table-1. To other BC controller (Note.7)

Total downstream Indoor unit capacity	High press. Pipe	Liquid Pipe	Low press. Pipe
M200 or below	ø15.88	ø9.52	ø19.05
M201 to 300	ø19.05	ø9.52	ø22.2
M301 to 350	ø19.05	ø12.7	ø28.58
M351 to 400	ø22.2	ø12.7	ø28.58
M401 to 600	ø22.2	ø15.88	ø28.58
M601 to 650	ø28.58	ø15.88	ø28.58
M651 to 800	ø28.58	ø19.05	ø34.93
M801 to 1000	ø28.58	ø19.05	ø41.28
M1001 or above	ø34.93	ø19.05	ø41.28