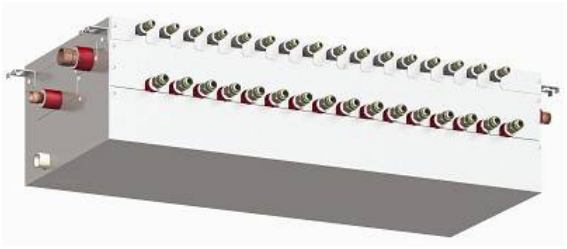
CITY**MULTI**® **Model: CMB-P1016NU-HA** MITSUBISHI ELECTRIC

Job Name:

Schedule Reference: | Date:



MAIN BC CONTROLLER FEATURES

- Used with R2-Series and WR2-Series outdoor units only
- Each branch supports 54,000 Btu/h or less
- Reducers are included for indoor units 18,000 Btu/h or less
- Use optional port connector when combining two branches if the total unit capacity is more than 54,000 Btu/h
- Included reducers are necessary for indoor units 18,000 Btu/h or less

OPTIONS

□ Joint Adapter (Port Connector).....CMY-R160C-J
□ Branch Joint (T-Branch).....CMY-Y102SS-G2
□ Condensate Pump (BlueDiamond).....X87-721
□ Condensate Pump (Sauermann).....SI3100-230
□ Ball Valve (3/8" SAE Flare).....BV38FFSI2
□ Ball Valve (5/8" SAE Flare).....BV58FFSI2
□ Sub BC Controller.....CMB-1016NU-HB*
□ Sub BC Controller.....CMB-P104NU-GB*
□ Sub BC Controller.....CMB-P108NU-GB*
*See Submittal for information on each option.

MAIN BC CONTROLLER SPECIFICATIONS

Power

Power Source . . . . . 208 / 230V, 1 phase, 60Hz
Power Input
Cooling . . . . . 0.274 / 0.353 kW/h
Heating . . . . . 0.137 / 0.177 kW/h
Current
Cooling (208 / 230) . . . . . 1.32 / 1.54 A
Heating (208 / 230) . . . . . 0.66 / 0.77 A
Minimum Circuit Ampacity (MCA) . . . . . 1.65 / 1.93 A
Maximum Overcurrent Protection (MOCP) . . . . . 15 A

External Finish . . . . . Galvanized Steel Plate
Lower Drain Pan: Pre-coated Galvanized Sheets with Powder Coating

External Dimensions
Inches . . . . . 11-7/16 H x 43-3/4 W x 20-1/2 D
mm . . . . . 289 H x 1,110 W x 520 D

Net Weight . . . . . 172 lbs. / 78 kg

Number of Branches 16

Refrigerant R410A

Indoor Unit Capacity
Connectable to one Branch
- Model P54 or smaller
- Use optional port connector when combining two branches if the total unit capacity exceeds 54,000 Btu/h
- Use the reducer (standard accessory) when an indoor unit of 18,000 Btu/h or smaller is connected

Refrigerant Piping Diameter
To Outdoor and Water-source Units
P72
High Pressure Pipe . . . . . 5/8" / 15.88 mm Brazed
Low Pressure Pipe . . . . . 3/4" / 19.05 mm Brazed

P96
High Pressure Pipe . . . . . 3/4" / 19.05 mm Brazed
Low Pressure Pipe . . . . . 7/8" / 22.2 mm Brazed

P120
High Pressure Pipe . . . . . 3/4" / 19.05 mm Brazed
Low Pressure Pipe . . . . . 1-1/8" / 28.58 mm Brazed

P144/P168/P192
High Pressure Pipe . . . . . 7/8" / 22.2 mm Brazed
Low Pressure Pipe . . . . . 1-1/8" / 28.58 mm Brazed

P216
High Pressure Pipe . . . . . 1-1/8" / 28.58 mm Brazed
Low Pressure Pipe . . . . . 1-1/8" / 28.58 mm Brazed

P240
High Pressure Pipe . . . . . 1-1/8" / 28.58 mm Brazed
Low Pressure Pipe (R2) . . . . . 1-3/8" / 34.93 mm Brazed
Low Pressure Pipe (WR2) . . . . . 1-1/8" / 28.58 mm Brazed

P264/P288
High Pressure Pipe . . . . . 1-1/8" / 28.58 mm Brazed
Low Pressure Pipe . . . . . 1-3/8" / 34.93 mm Brazed

To Indoor Unit
Liquid Pipe . . . . . 3/8" / 9.52 mm Flare
(1/4" / 6.35 mm with attached reducer used
1/2" / 12.7 mm with optional port connector used)
Gas Pipe . . . . . 5/8" / 15.88 mm Flare
(1/2" / 12.7 mm with attached reducer used,
3/4" / 19.05 mm and 7/8" / 22.2 mm
with optional port connector used)

To Sub BC Controller
Total indoor unit capacity ≤72,000 Btu/h
High Gas Pressure Pipe . . . . . 5/8" / 15.88 mm Brazed
Low Gas Pressure Pipe . . . . . 3/4" / 19.05 mm Brazed
Liquid Pipe . . . . . 3/8" / 9.52 mm Brazed

Total indoor unit capacity 73,000 to 108,000 Btu/h
High Gas Pressure Pipe . . . . . 3/4" / 19.05 mm Brazed
Low Gas Pressure Pipe . . . . . 7/8" / 22.2 mm Brazed
Liquid Pipe . . . . . 3/8" / 9.52 mm Brazed

Total indoor unit capacity 109,000 to 126,000 Btu/h
High Pressure Pipe . . . . . 3/4" / 19.05 mm Brazed
Low Pressure Pipe . . . . . 1-1/8" / 28.58 mm Brazed
Liquid Pipe . . . . . 1/2" / 12.7 mm Brazed

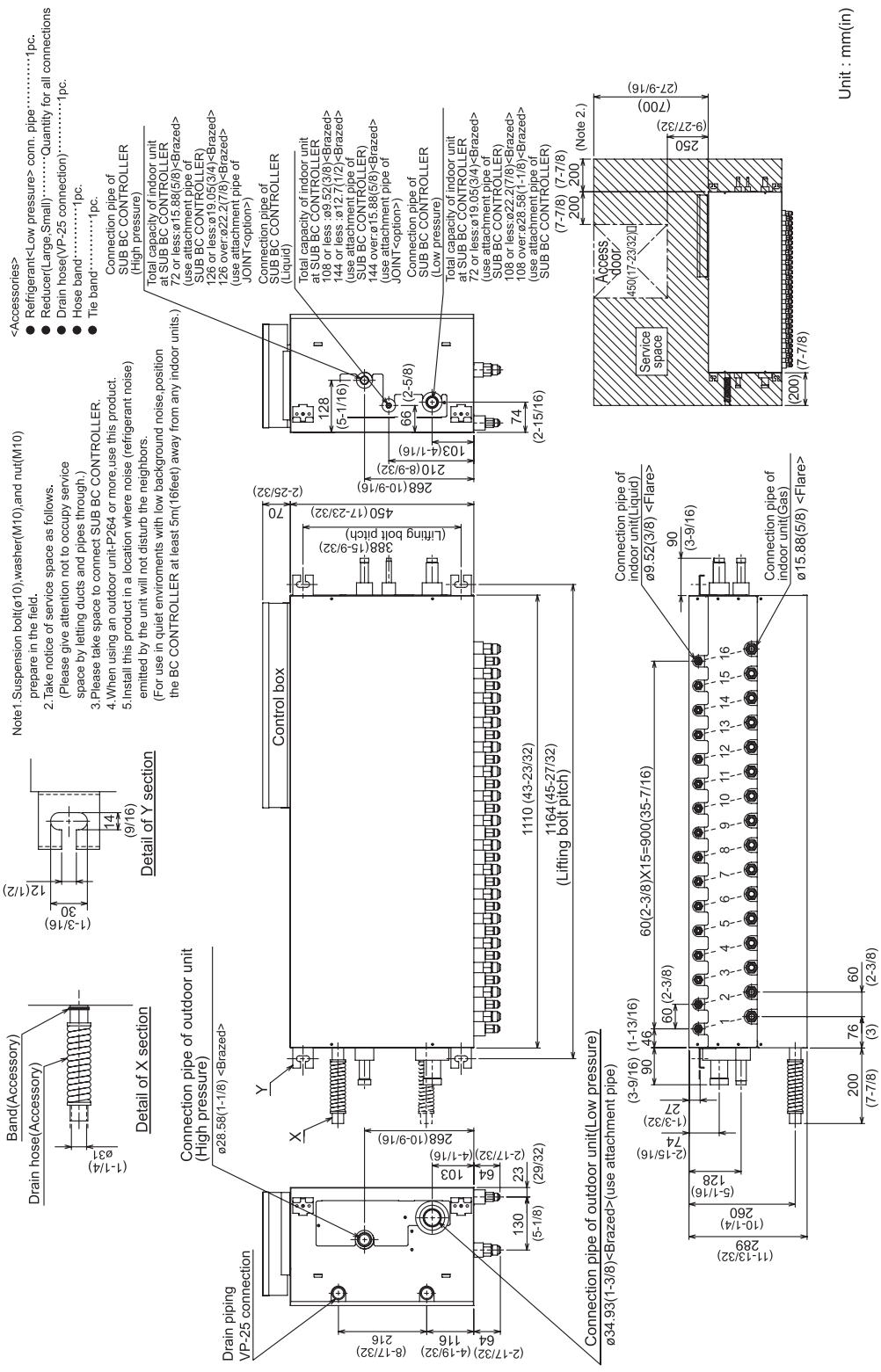
Total indoor unit capacity 127,000 to 144,000 Btu/h
High Pressure Pipe . . . . . 7/8" / 22.2 mm Brazed
Low Pressure Pipe . . . . . 1-1/8" / 28.58 mm Brazed
Liquid Pipe . . . . . 1/2" / 12.7 mm Brazed

Total indoor unit capacity 145,000 to 168,000 Btu/h
High Pressure Pipe . . . . . 7/8" / 22.2 mm Brazed
Low Pressure Pipe . . . . . 1-1/8" / 28.58 mm Brazed
Liquid Pipe . . . . . 5/8" / 15.88 mm Brazed

Drainpipe . . . . . O.D. 1-1/4" / 32 mm

Specifications are subject to change without notice.
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Model: CMB-P1016NU-HA – DIMENSIONS



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R410A

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COOLING & HEATING

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FORM# - CMB-P1016NU-HA - 201503

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