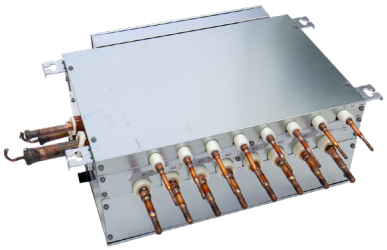
CITYMULTI®

CMB-P108NU-KB2
8 BRANCH (SUB BC)

MITSUBISHI ELECTRIC
HEATING & AIR CONDITIONING

Job Name:

System Reference: Date:



GENERAL FEATURES

- Provides simultaneous heating and cooling
- Used with Air Source or Water Source outdoor units
- Used with a Main BC Controller to connect additional indoor units.
- A maximum of 11 Sub BC Controllers can be connected to one Main BC Controller per system

Specifications			System
Unit Type			CMB-P108NU-KB2
Indoor Unit Capacity Connectable to 1 Branch		BTU/H	54,000
Number Of Branches			8
Electrical Power Requirements			208/230V, 1-phase, 60 Hz
Minimum Circuit Ampacity (MCA)		A	0.7/0.9
Maximum Overcurrent Protection (MOCP)		A	20
Power Input (208/230V)	Cooling	kW	0.59 / 0.69
	Heating	kW	0.30 / 0.35
Current Input (208/230V)	Cooling	A	0.122 / 0.157
	Heating	A	0.061 / 0.078
External Dimensions		In. [mm]	9-7/8 x 23-1/2 x 15-11/16 [250 x 596 x 398]
Net Weight		Lbs. [kg]	69 [31]
External finish			Galvanized steel plate (Lower part drain pan: Pre-coated galvanized sheets + powder coating)
Connectable Outdoor / Heat Source Unit Capacity			126,000 to
Field drain pipe size		In. [mm]	3/4 NPT
Refrigerant			R410A
Sound power level (measured in anechoic room)	Defrost	dB(A)	40
Sound pressure level (measured in anechoic room)	Rated operation	dB(A)	59.0
	Defrost	dB(A)	71

NOTES:

1. The equipment is for use with R410A refrigerant only.
2. When possible, avoid installing the BC controller within 15 Ft. of sound sensitive areas.
3. Rated operation sound data is based on cooling mode. Sound data may vary depending on outdoor unit capacity and operation mode.
4. Sound pressure/power levels obtained via testing in an anechoic chamber. Actual sound pressure levels may be greater due to ambient noise and/or deflection
5. Sound pressure values were obtained at a test location approximately 5 Ft. from the unit
6. The solenoid valve switching sound pressure value is 56 dB(A) for all units
7. The unit is intended for installation in an indoor environment only
8. For details regarding installation specifics, please refer to the product's Installation Manual.

Specifications are subject to change without notice.

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INDOOR UNIT ACCESSORIES: CMB-P108NU-KB2

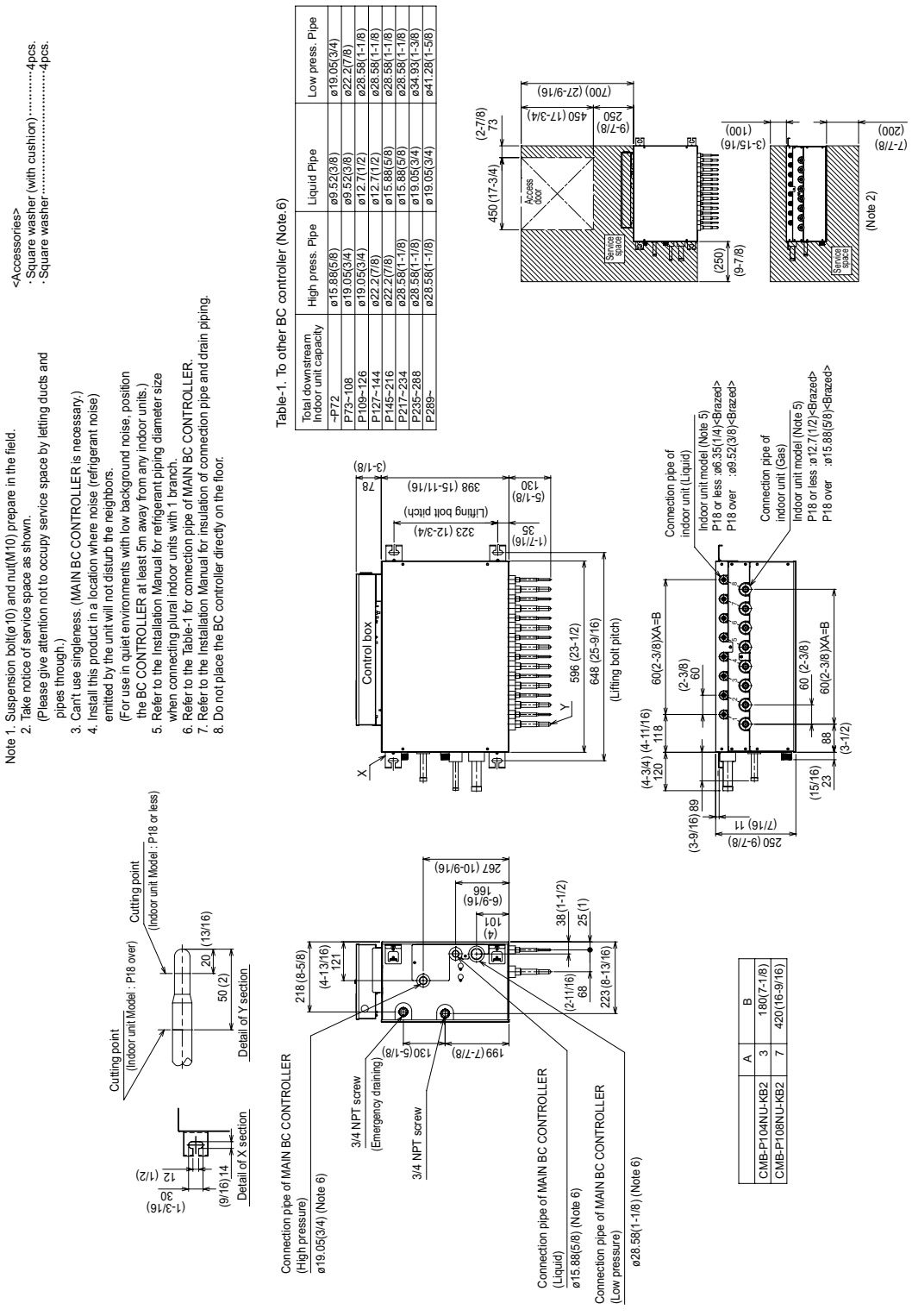
Ball Valve	Ball Valve (3/8” SAE Brazed)	☐ BV38BBSI
	Ball Valve (5/8” SAE Brazed)	☐ BV58BBSI
Condensate	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	☐ X87-721
	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	☐ X86-003
	Sauermann Condensate Pump	☐ SI30-230
Control Wire	M-Net Control Wire, 1,000’ Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	☐ CW162S-1000
	M-Net Control Wire, 250’ Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	☐ CW162S-250
Port Adaptor	Joint Pipe Adapter	☐ CMY-R160-J1
Valves Adaptors & Headers	Branch Joint (Downstream capacity 127,000-216,000 BTU/H)	☐ CMY-R202S-G
	Branch Joint (Downstream capacity 217,000-234,000 BTU/H)	☐ CMY-R203S-G
	Branch Joint (Downstream capacity 235,000-360,000 BTU/H)	☐ CMY-R204S-G
	Branch Joint (Downstream capacity 73,000-96,000 BTU/H)	☐ CMY-Y102LS-G2
	Branch Joint (Downstream capacity ≤126,000 BTU/H)	☐ CMY-R201S-G
	Branch Joint (Downstream capacity ≤126,000 BTU/H)	☐ CMY-Y202S-G2
	Branch Joint (Downstream capacity ≤72,000 BTU/H)	☐ CMY-Y102SS-G2
	Branch Joint (Downstream capacity ≥316,000 BTU/H)	☐ CMY-R205S-G
	Reducer (Between Main and Sub BC)	☐ CMY-R303S-G1
	Reducer (Between ODU and BC)	☐ CMY-R302S-G1

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INDOOR UNIT DIMENSIONS: CMB-P108NU-KB2

Unit: mm (in)



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FORM# CMB-P108NU-KB2 - 202405

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