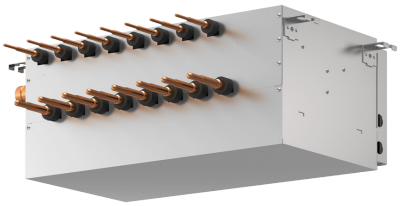
Sub BC Controller: CMB-P1016NU-HB1

Job Name:	
System Reference:	Date:



SAMPLE IMAGE FOR REFERENCE

ACCESSORIES:

- □ Joint Kit.....CMY-R160-J1
- □ Branch Joint (T-Branch).....CMY-Y102SS-G2
- □ Condensate Pump (BlueDiamond).....X87-721
- □ Condensate Pump (Sauermann).....SI3100-230
- □ Ball Valve (3/8" SAE Brazed).....BV38BBSI
- □ Ball Valve (5/8" SAE Brazed).....BV58BBSI

SPECIFICATIONS:

Indoor Unit Capacity Connectable To 1 Branch	Btu/h	54,000
Number Of Branches	16	
Electrical Requirements		
Electrical Power Requirements	208 / 230V, 1 phase, 60Hz	
Minimum Circuit Ampacity (MCA)	A	1.46 / 1.71
Power Input (208 / 230V)		
Cooling	kW	0.314
Heating		0.157
Current Input (208 / 230V)		
Cooling	A	1.17 / 1.37
Heating		0.59 / 0.69
External Dimensions	In.(mm)	11-3/16 x 43-1/4 x 17-1/32 (284 x 1,098 x 432)
Net Weight	Lbs.(kg)	136 (61)
External Finish	Galvanized steel plate	

Refrigerant Piping Diameter to Indoor Unit (Brazed)			
		Liquid	Gas
less than 18,000 Btu/h	In.(mm)	1/4 (6.35)	1/2 (12.7)
18,000 to 54,000 Btu/h	In.(mm)	3/8 (9.52)	5/8 (15.88)
54,000 to 72,000 Btu/h	In.(mm)	3/8 (9.52)	3/4 (19.05)
greater than 72,000 Btu/h	In.(mm)	3/8 (9.52)	7/8 (22.2)

Refrigerant Piping Diameter to Sub BC Controller (Brazed)				
		Liquid	High Pressure	Low Pressure
to 72,000 Btu/h	In.(mm)	3/8 (9.52)	5/8 (15.88)	3/4 (19.05)
73,000 to 108,000 Btu/h	In.(mm)	3/8 (9.52)	3/4 (19.05)	7/8 (22.2)
109,000 to 126,000 Btu/h	In.(mm)	1/2 (12.7)	3/4 (19.05)	1-1/8 (28.58)
127,000 to 144,000 Btu/h	In.(mm)	1/2 (12.7)	7/8 (22.2)	1-1/8 (28.58)
145,000 to 168,000 Btu/h	In.(mm)	5/8 (15.88)	7/8 (22.2)	1-1/8 (28.58)

Field Drain Pipe Size	In.(mm)	1-1/4 (32)
Refrigerant	R410A	

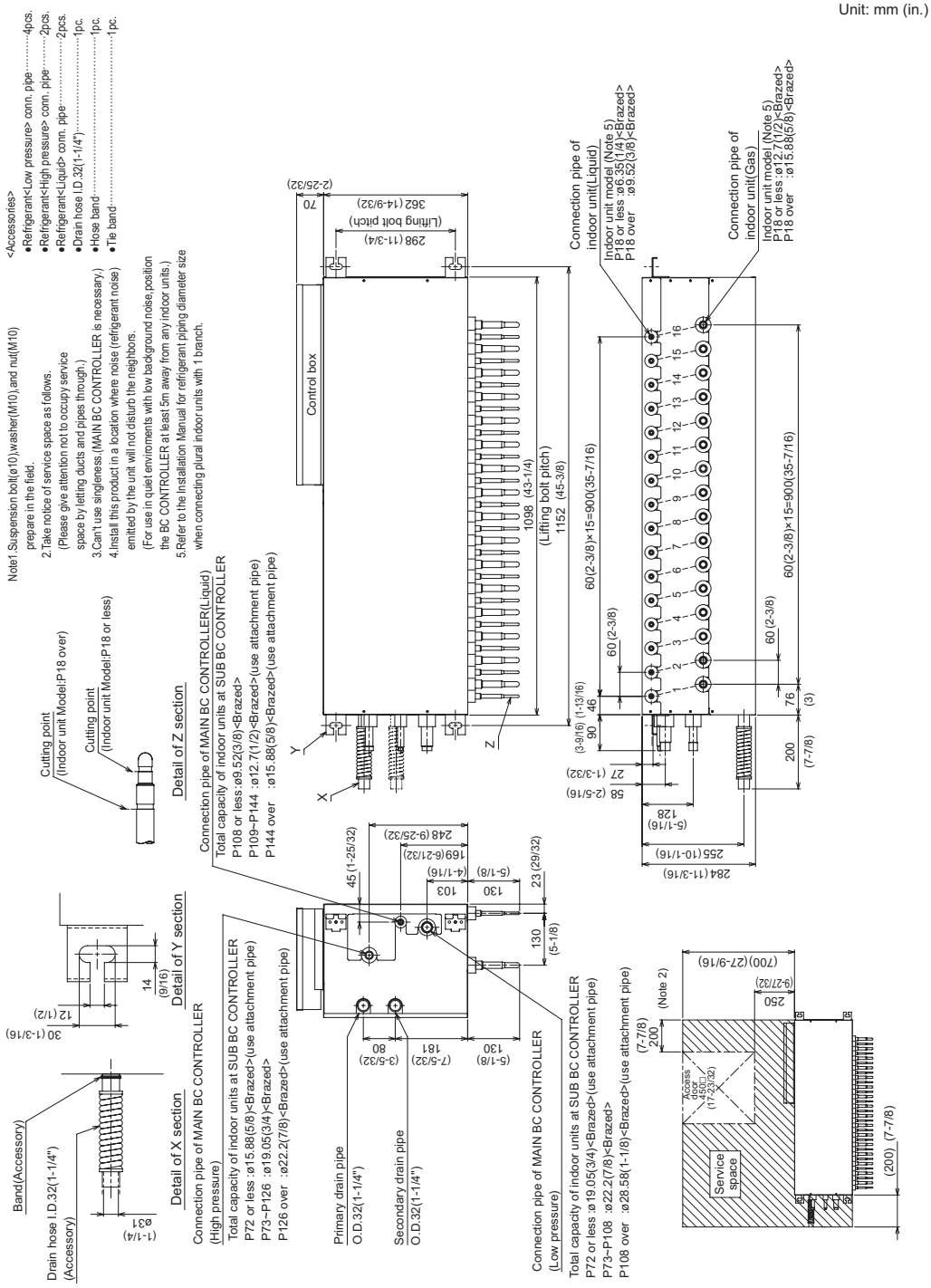
NOTES:
1. Use the Reducer (standard accessory) when the indoor unit capacity is 18,000 Btu/h or less.
2. Use Ball Valves to isolate individual branches (recommended).
3. Use Joint Pipe to combine branches when connected indoor unit capacity on a single branch exceeds 54,000 Btu/h.
4. Total connectable indoor unit capacity is 126,000 Btu/h or less when using one CMB-P1016NU-HB1. However, if two sub BC controllers are used, the total indoor unit capacity connected to **BOTH** sub BC controllers is 168,000 Btu/h or less.

Specifications are subject to change without notice.

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Model: CMB-P1016NU-HB1 – DIMENSIONS

Unit: mm (in.)



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Form# CMB-P1016NU-HB1 - 201805

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