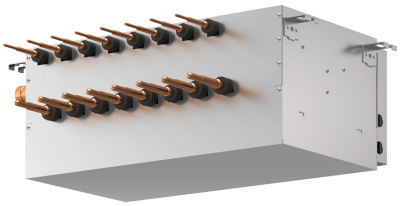
Single BC Controller: CMB-P105NU-G1

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	5	
Electrical Requirements		
Electrical Power Requirements	208 / 230V, 1 phase, 60Hz	
Minimum Circuit Ampacity (MCA)	A	0.44 / 0.40
Power Input (208 / 230V)		
Cooling	kW	0.073
Heating		0.033
Current Input (208 / 230V)		
Cooling	A	0.35 / 0.32
Heating		0.16 / 0.14
External Dimensions	In.(mm)	11-3/16 x 25-17/32 x 17-1/32 (284 x 648 x 432)
Net Weight	Lbs.(kg)	72 (32)
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 Air-source Outdoor and Water-source Units (Brazed)			
		High Pressure	Low Pressure
to 72,000 Btu/h	In.(mm)	5/8 (15.88)	3/4 (19.05)
73,000 to 108,000 Btu/h	In.(mm)	3/4 (19.05)	7/8 (22.2)
109,000 to 126,000 Btu/h	In.(mm)	3/4 (19.05)	1-1/8 (28.58)

Field Drain Pipe Size	In.(mm)	1-1/4 (32)
Refrigerant	R410A	
Connectable Outdoor Unit	PURY-P72/96/120TK/LMU PURY-P72/96/120YK/LMU PURY-HP72/96TKMU PURY-HP72/96YKMU PQRY-P72/96/120TH/LMU PQRY-P72/96/120YH/LMU	

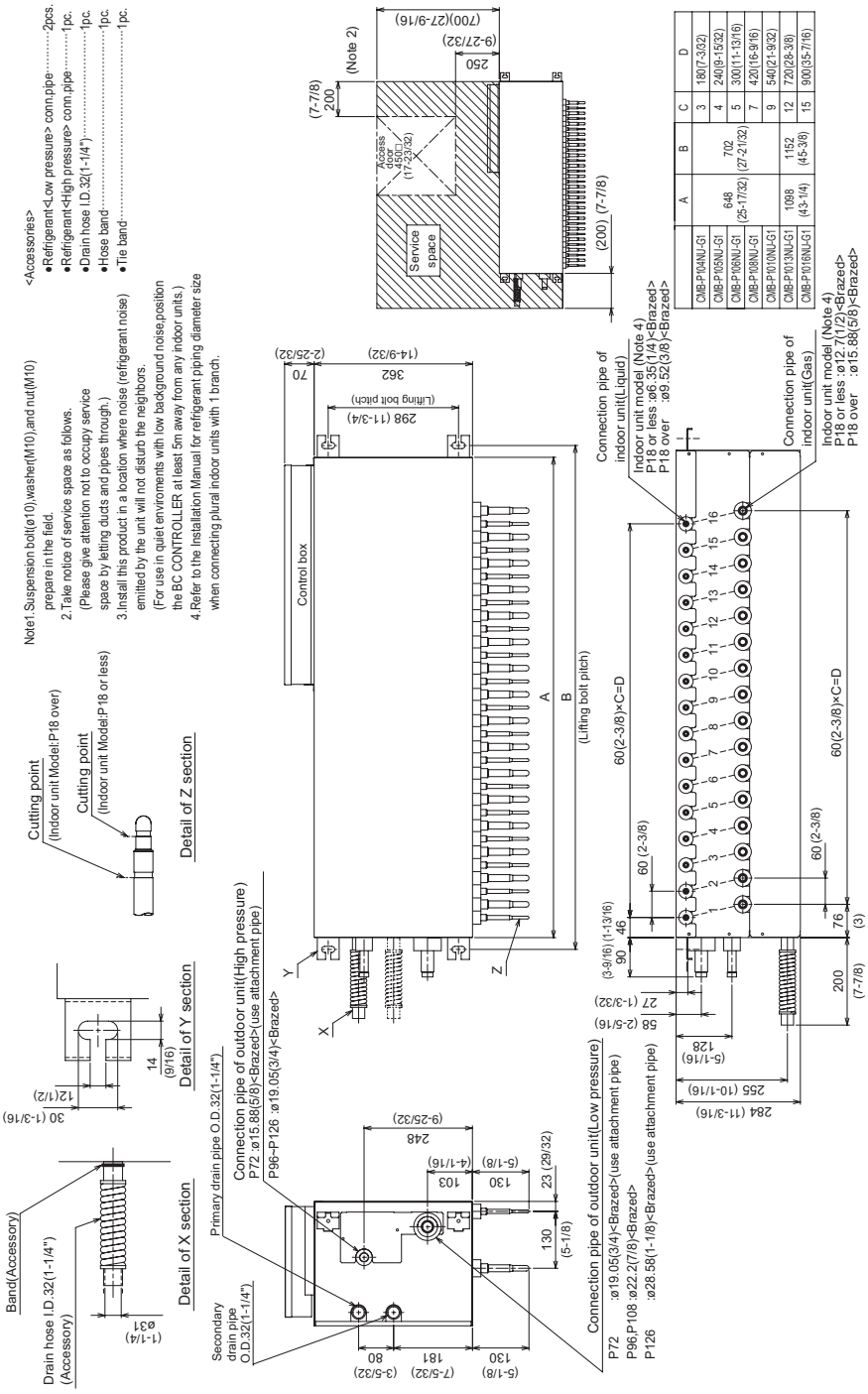
NOTES:
1. Use Single BC Controller when R2-Series unit capacity is 120,000 Btu/h or less.
2. Use the Reducer (standard accessory) when the indoor unit capacity is 18,000 Btu/h or less.
3. Use Ball Valves to isolate individual branches (recommended).
4. Use Joint Pipe to combine branches when connected indoor unit capacity on a single branch exceeds 54,000 Btu/h.

Specifications are subject to change without notice.

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Model: CMB-P105NU-G1 – DIMENSIONS

Units: mm (in.)



	A	B	C	D
CMB-P104NU-G1	648 (25-17/32)	702 (27-21/32)	3	180(7-3/32)
CMB-P105NU-G1			4	240(9-15/32)
CMB-P106NU-G1			5	300(11-13/16)
CMB-P108NU-G1			7	420(16-9/16)
CMB-P1010NU-G1	1098 (43-1/4)	1152 (45-3/8)	9	540(21-9/32)
CMB-P1013NU-G1			12	720(28-3/8)
CMB-P1016NU-G1			15	900(35-7/16)

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Form# CMB-P105NU-G1 - 201805

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