

MXZ-8C48NAHZ SYSTEM DESIGN

Outdoor unit		MXZ-8C48NAHZ	
		5HP	
Rated capacity (kBTU/h)	Cooling	48	
	Heating	54	
Refrigerant		R410A	
Connectable indoor unit	Capacity	Type 06 to Type 36	
		Caution: The indoor unit which rated capacity exceeds 36 kBTU/h (Type 36) can NOT be connected.	
	Number of units	2 to 8 units	
	Total system wide capacity	25 to 130% of outdoor unit capacity (12 to 62.4 kBTU/h)	
Connectable branch box	Number of units	1 or 2 units	



Connectable indoor unit lineups (Heat pump inverter type)										
Model type	Model name	Capacity class [kBTU/h]								
		06	09	12	15	18	24	30	36	
Wall mounted	Deluxe	MSZ-FE09/12/18NA		●	●		●			
		MSZ-FH09/12/15NA		●	●	●				
	Standard	MSZ-GE06/09/12/15/18/24NA	●	●	●	●	●	●		
Ceiling concealed	Low static pressure	SEZ-KD09/12/15/18NA		●	●	●	●			
	Middle static pressure	PEAD-A24/30/36AA4						●	●	●
4-way ceiling cassette	2 by 2 type	SLZ-KA09/12/15NA		●	●	●				
	Standard	PLA-A12/18/24/30/36BA4			●		●	●	●	●
Floor standing		MFZ-KA09/12/18NA		●	●		●			
Multi-position		MVZ-A12/18/24/30/36AA4			●		●	●	●	●

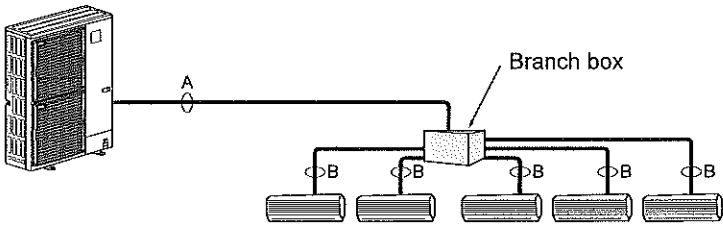


Branch box	PAC-MKA50BC	PAC-MKA30BC
Number of branches (Indoor unit that can be connected)	5 branches (MAX. 5 units)	3 branches (MAX. 3 units)

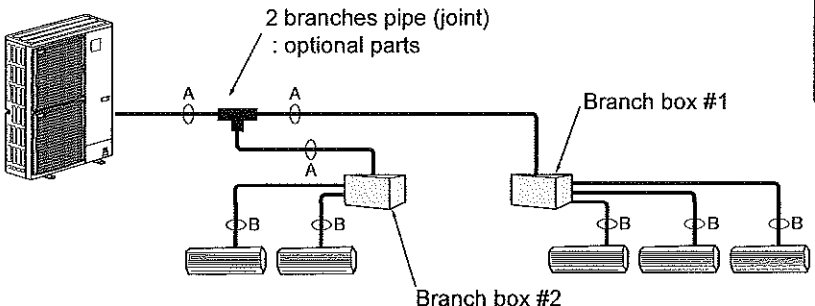
Note: A maximum of 2 branch boxes can be connected to 1 outdoor unit.

Branch Box Combinations	
Three-port	Five-port
1	0
0	1
1	1
2	0
0	2 (Up to 8 IDU)

- If Using One Branch Box
Flare connection employed (No brazing)



- If Using Two Branch Boxes



- Installation procedure (2 branches pipe (joint))
Refer to the installation manuals of MSDD-50AR-E and MSDD-50BR-E.

Piping connection size

	A	B
Liquid	φ9.52 mm (3/8 inch)	The piping connection size differs according to the type and capacity of indoor units. Match the piping connection size of branch box with indoor unit. If the piping connection size of branch box does not match the piping connection size of indoor unit, use optional different-diameter (deformed) joints to the branch box side. (Connect deformed joint directly to the branch box side.)
Gas	φ15.88 mm (5/8 inch)	