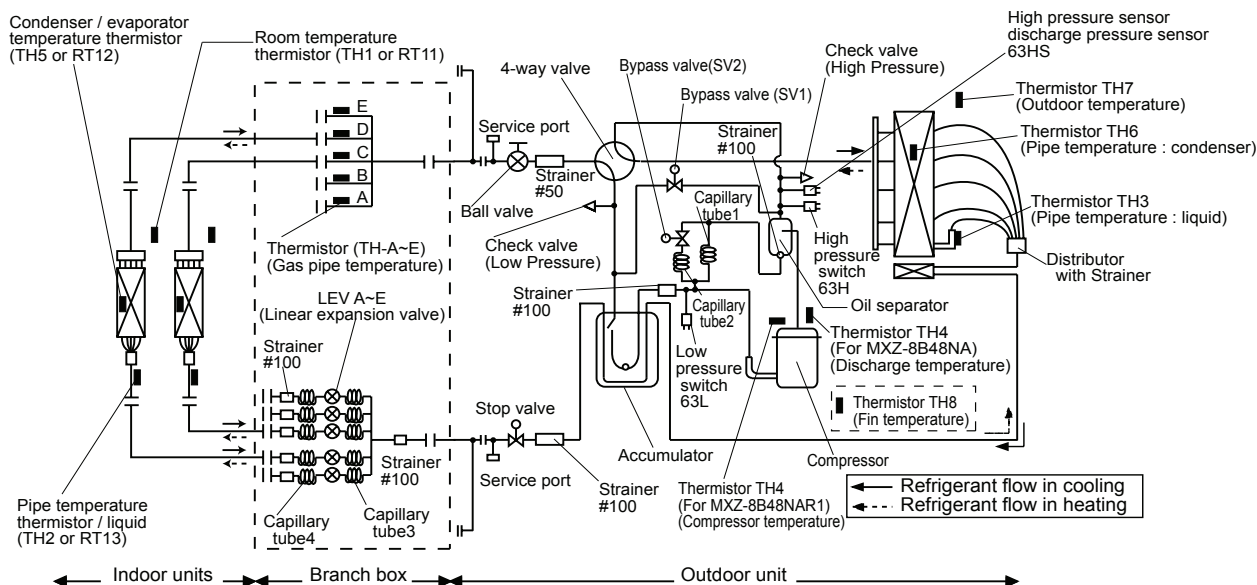


REFRIGERANT SYSTEM DIAGRAM

MXZ-8B48NA

MXZ-8B48NAR1



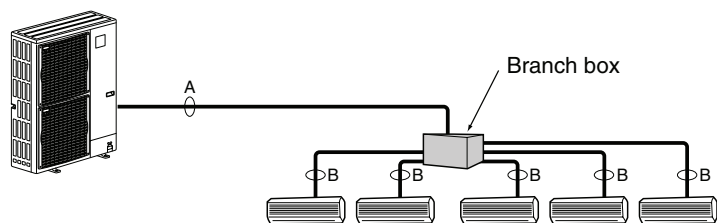
unit : mm (inch)

		Capillary tube 1 (For return of oil from oil separator)	Capillary tube 2 (For SV2)	Capillary tube 3 ahead of LEV (in cooling mode)	Capillary tube 4 behind LEV (in cooling mode)
Outdoor unit	MXZ-8B48NA MXZ-8B48NAR1	$\phi 2.5 \times \phi 0.8 \times L1000$ ($\phi 0.098 \times \phi 0.031 \times L(39-1/2)$)	$\phi 4 \times \phi 2.4 \times L250$ ($\phi 0.157 \times \phi 0.094 \times L10$)	—	—
Branch box	PAC-AKA51BC	—	—	$(\phi 4 \times \phi 2.4 \times L140) \times 5$ ($\phi 0.157 \times \phi 0.094 \times L(5-1/2)) \times 5$	$(\phi 4 \times \phi 2.2 \times L130) \times 5$ ($\phi 0.157 \times \phi 0.087 \times L(5-1/8)) \times 5$
	PAC-AKA31BC	—	—	$(\phi 4 \times \phi 2.4 \times L140) \times 3$ ($\phi 0.157 \times \phi 0.094 \times L(5-1/2)) \times 3$	$(\phi 4 \times \phi 2.2 \times L130) \times 3$ ($\phi 0.157 \times \phi 0.087 \times L(5-1/8)) \times 3$

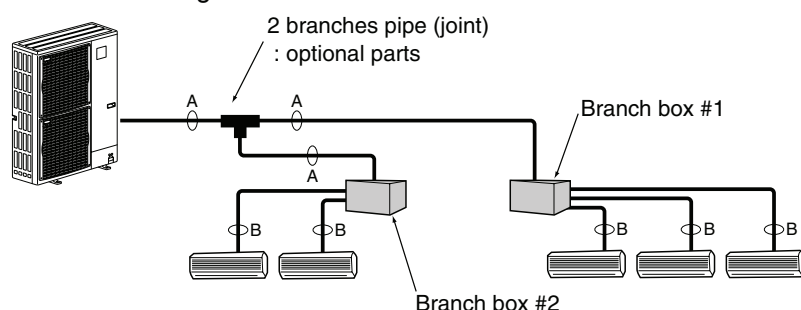
Piping connection size

	A	B
Liquid (mm)	$\phi 9.52$	The pipe 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 (mm)	$\phi 15.88$	

- In case of using 1-branch box
Flare connection employed (No brazing)



- In case of using 2-branch boxes



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