

SUBMITTAL DATA SHEET

Series Name: Multi Zone Regular Heat Series

Model Number: MZ36H525ZMO for Ducted



Multi Zone Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



OUTDOOR SPECIFICATION

Compressor Type		ROTARY
Compressor Model		KTF310D43UMT
Refrigerant		R454B
Refrigerant Oil Charge(mL)		1000
Refrigerant Oil		V74
Outdoor Air Flow (Max) (CFM)		2148
Outdoor Noise Level (dBA)		62.5
Dimension (W×D×H)	inch	37.24 x 16.14 x 31.89
Package (W×D×H)	inch	42.91 x 19.68 x 34.84
Net/Gross Weight	lbs	168.87/180.12

ELECTRICAL

Power Supply	208/230V, 60Hz, 1Ph
System MCA	30.5
Connection Wiring	AWG 14-4
System MOCP	35
Compressor RLA	17
Outdoor Fan Motor RLA	1.3
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	/
Indoor Fan Motor W	/
System Power Input @ Cooling (W)	2990/(600 ~ 4500)
System Power Input @ Heating (W)	3389/(600 ~ 3600)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

EFFICIENCY

Cooling		Heating	
SEER2	20.0	HSPF2-4	9.2
EER2	11.7	COP	3.2

PERFORMANCE of Cooling

Cooling (Btu/hr)	
Rated Capacity	35000
Min/Max Capacity	9000~40000
Moisture Removal(L/h)	0.1
Standard Operating Range(°F/°C)	-13~122/(-25~50)
Rated Cooling Conditions:	Indoor: 80°F DB/67°F WB
	Outdoor: 95°F DB/75°F WB

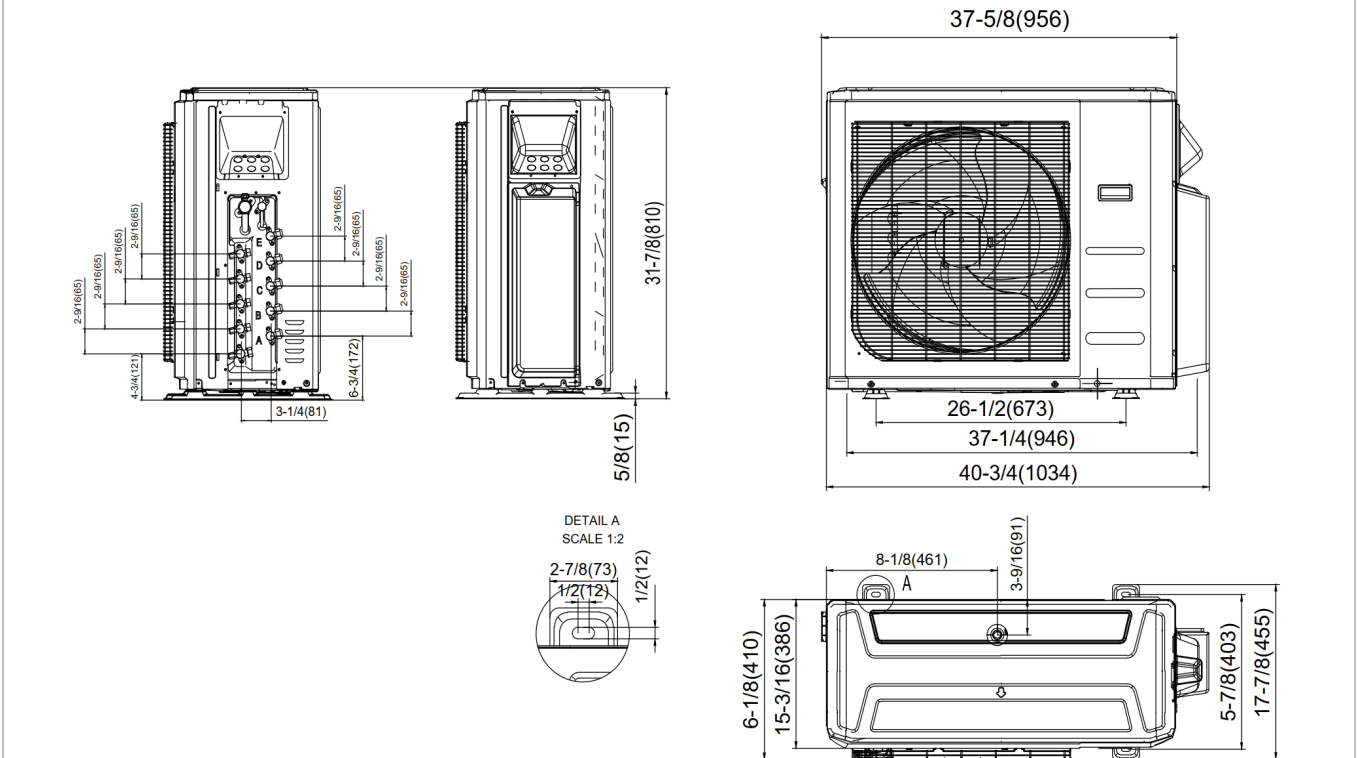
PERFORMANCE of Heating

Heating (Btu/hr)	
1. @ 47°F Rated	37000
1. @ 47°F Min/Max Capacity	10000~40500
2. @ 17°F Rated(H32)	26400
3. @ 5°F Rated: Capacity / COP(H42)	26000/2
3. @ 5°F Max: Capacity	26000
Standard Operating Range(°F/°C)	-13~75/(-25~24)
1. Conditions:	Indoor: 70°F DB/60°F WB
	Outdoor: 47°F DB/43°F WB
2. Conditions:	Indoor: 70°F DB/60°F WB
	Outdoor: 17°F DB/15°F WB
3. Conditions:	Indoor: 70°F DB/60°F WB
	Outdoor: 5°F DB/5°F WB

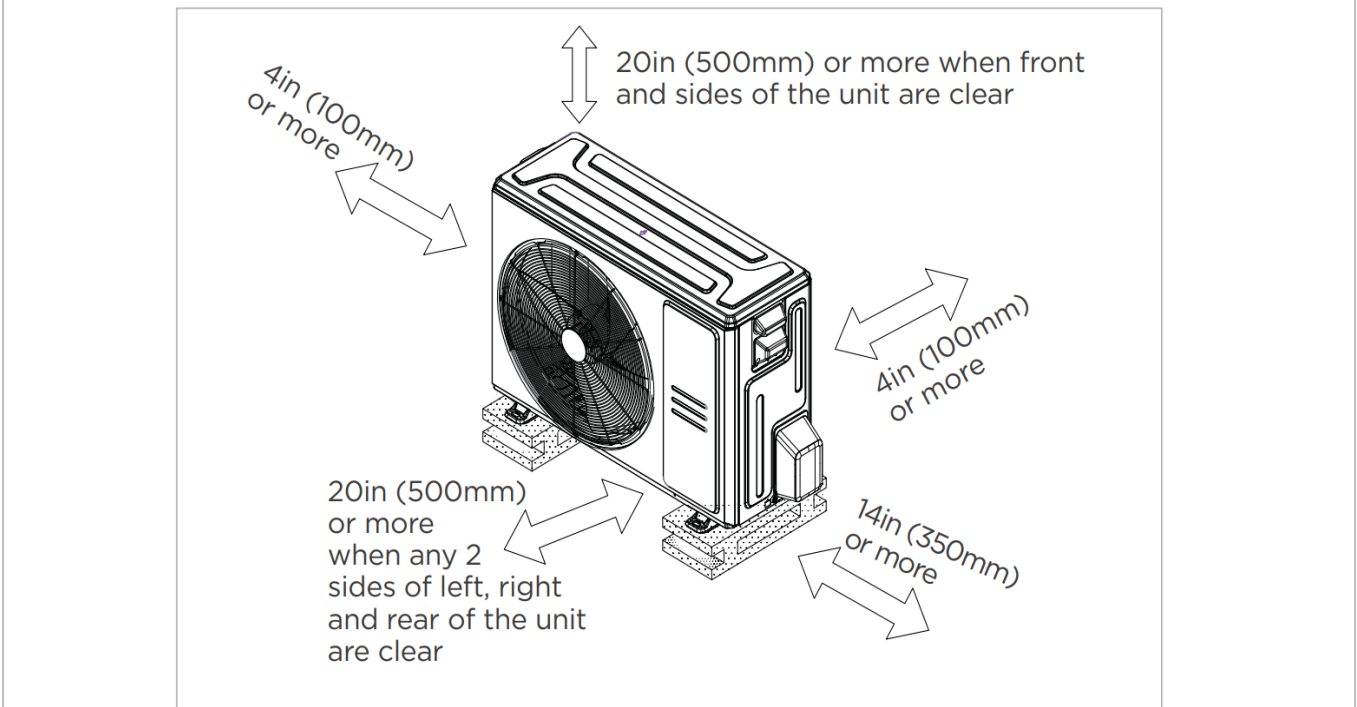
PIPING

Liquid Size	5x6.35mm(5x1/4in)
Gas Size	4x9.52mm*1x12.7mm(4x3/8in*1x1/2in)
Max. Piping Length for all rooms(ft/m)	262.4/(80)
Max. Piping Length for one IDU(ft/m)	114.8/(35)
Max. Height Difference of IDU and ODU(ft/m)	49.2/(15)
Refrigerant Pre-charged Amount(oz/kg)	120.63/(3.42)
Refrigerant Precharge Length(ft/m)	24.6(7.5)x5
Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe) ((oz/ft)/(g/m))	0.16/(15)
Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe) ((oz/ft)/(g/m))	0.32(30)
Connection Method	Flared

Outdoor Unit Dimension



Installation Instruction



☒ Meets all spatial requirements shown in Installation Clearance Requirements above.