

3PAMSH48-MZO5

SUBMITTAL DATA SHEET

48,000 BTU Multi-Zone Mini-Split Outdoor Unit (5 Zone)

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



OUTDOOR UNIT DATA

Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	40.0
Max.fuse	(A)	60.0
Cooling Capacity		
SEER / EER		48000(11600~49700) 21 / 11
Heating Capacity 47F		
COP		3.6
HSPF4/HSPF5		10.5 / 8.5
Heating at 5F		
		27000

REFRIGERANT PIPE DATA

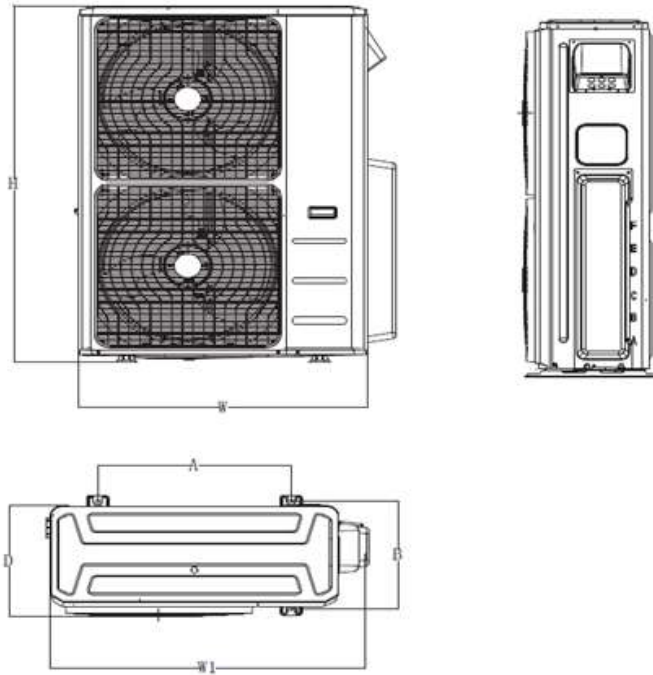
Design pressure	(PSIG)	550/340
Refrigerant Type	(Oz)	R410A/162
Refrigerant precharge	(ft)	123.0
	(m)	37.5
Additional charge for each ft- φ6.35 (1/4") liquid pipe	(oz/ft)	0.161
Additional charge for each ft- φ9.52 (3/8") liquid pipe	(oz/ft)	0.322
Liquid side/ Gas side	(inch)	5 x 1/4"/3 x 3/8" + 2 x 1/2"
	(mm)	φ6.35/3 x φ9.52 + 2 x φ12.7
Max. length for all rooms	(ft)	262
Max. length for one indoor un	(ft)	115
Max. height difference between indoor and outdoor unit	(ft)	49
Max. height difference between indoor units	(ft)	33

OUTDOOR UNIT DATA

Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	126.0
RLA	(A)	1.0 + 1.0
Speed	(r/min)	900/850/800/750
Compressor		
Model		ATQ360D1UMU
Type		ROTARY
Brand		GMCC
Capacity	(Btu/h)	38214.4
Input	(W)	3040
Rated current (RLA)	(A)	N/A
Refrigerant oil/oil charge	(ml)	VG74/1400
Throttle		Capillary +EXV
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4500.00
Outdoor noise level	[dB(A)]	64
Outdoor unit		
Dimension (W×D×H)	(inch)	37.48x16.34x52.48
	(mm)	952x415x1333
Packing (W×D×H)	(inch)	43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight	(lbs.)	225.53/256.62
	(kg)	102.3/116.4
Outdoor (cooling/heating)	(Deg. °F) (Deg. °C)	-13~122/ -13~86 -25~50/ -25~30

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Unit	W	D	H	W1	A	B
mm	952	415	1333	1060	634	404
inch	37.5	16.3	52.5	41.7	25.0	15.9

24V INTERFACE KIT

