

3PAMSDH12

12,000 BTU Multi-Zone Mini-Split Ducted Indoor Unit

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

SYSTEM PERFORMANCE DATA

Power supply

Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253

Electrical

Connection wiring	STRANDED 16*4 AWG
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Cooling

Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	2250~14400
Power Input (Max)	(W)	923
Rated current	(A)	4.22
SEER	(Btu/W)	21.5
EER	(Btu/W)	13

Heating at 47F

Rated Capacity	(Btu/h)	12000
Capacity Range	(Btu/h)	1800~16300
Power Input (Max)	(W)	1000
Rated current	(A)	4.58
HSPF4	(Btu/W)	11.5
HSPF5	(Btu/W)	9.5
COP	W/W	3.52

Heating at 17F

Max Capacity	(Btu/h)	12900
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REFRIGERANT PIPE DATA

Liquid side/ Gas side	(inch)	1/4" / 1/2"
	(mm)	6.35/12.7
Connection method		(Flared)
Indoor(cooling/ heating)	(Deg. °F)	63~90 / 32~86
	(Deg. °C)	17~32 / 0~30
Application area	(sq.ft)	172.22~247.57
	(m2)	16~23



Indoor fan motor

Type	Cross-Flow
Model	ZKFN-55-8-22-1
Qty	1
Input	(W) 130.0
RLA	(A) -
LRA	(A) ---
Winding Resistance	(Ω) ---
Capacitor	(uF) ---
Speed(Hi/Mi/Lo)	(r/min) 1170/1030/850

Air flow & Noise level

Indoor air flow (Hi/Med/Lo)	(CFM)	352.94/282.35/176.47
Indoor noise level (Hi/Med)	[dB(A)]	40/31.5/26.5

Dehumidification

	(Pint/H)	---
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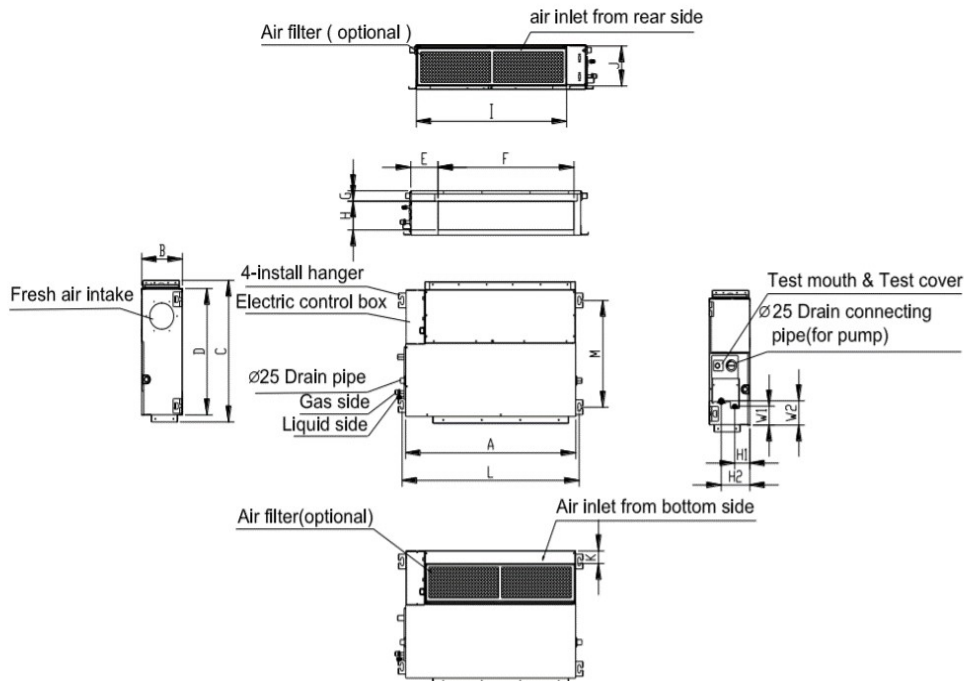
Indoor unit

Dimension (WxDxH)	(inch)	27.56x19.92x7.87
	(mm)	700/506/200
Packing(WxDxH)	(inch)	33.86x21.26x11.22
	(mm)	860/540/285
Net/Gross weight	(lbs.)	39.24/48.5
	(kg)	17.7/21.9

Indoor unit dimension

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Model	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
9/12	mm	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84
	inch	27.6	7.9	19.9	17.7	5.4	21.1	1.2	6.0	23.6	7.3	2.0	29.2	14.2	3.3	5.5	3.3	3.3