

3PAMSDH24

24,000 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)	24000
Capacity Range	(Btu/h)	6500~27800
Power Input (Max)	(W)	1920
Rated current	(A)	8.52
SEER	(Btu/W)	20.6
EER	(Btu/W)	12.5

Heating at 47F

Rated Capacity	(Btu/h)	24600
Capacity Range	(Btu/h)	12200~32200
Power Input (Max)	(W)	1920
Rated current	(A)	8.19
HSPF4	(Btu/W)	12.6
HSPF5	(Btu/W)	10.7
COP	W/W	3.66

Heating at 17F

Max Capacity	(Btu/h)	26511
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REFRIGERANT PIPE DATA

Liquid side/ Gas side	(inch)	3/8" / 5/8"
	(mm)	9.52/15.9
Connection method		(Flared)
Indoor(cooling/ heating)	(Deg. °F)	63~90 / 32~86
	(Deg. °C)	17~32 / 0~30
Application area	(sq.ft)	344.44~505.90
	(m2)	32~47



INDOOR UNIT DATA

Indoor fan motor

Type	Cross-Flow
Model	ZKFN-160-8-1-2
Qty	1
Input	(W) 90.0
RLA	(A) -
LRA	(A) ---
Winding Resistance	(Ω) ---
Capacitor	(uF) ---
Speed(Hi/Mi/Lo)	(r/min) 880/820/690

Air flow & Noise level

Indoor air flow (Hi/Med/Lo) (l)	(CFM)	775.47/693.06/434.88
Indoor noise level (Hi/Med/Lc)	[dB(A)]	44/40/35.5

Dehumidification

(Pint/H)	---
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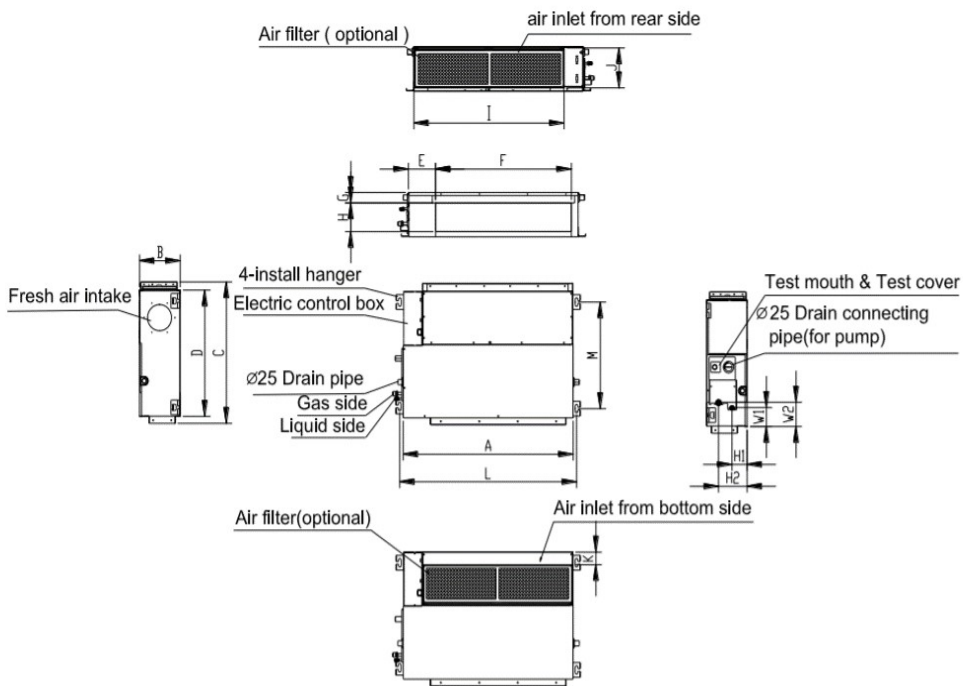
Indoor unit

Dimension (WxDxH)	(inch)	43x30x10
	(mm)	1100x774x249
Packing(WxDxH)	(inch)	51x32x12.4
	(mm)	1305x805x315
Net/Gross weight	(lbs.)	90.39/105.82
	(kg)	41/48

Indoor unit dimension

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Model (KBtu/h)	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
	24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130
	inch	43.3	9.8	30.5	27.6	5.5	36.5	2.0	6.9	39.4	9.0	0.2	44.9	23.5	3.1	5.9	5.1	6.1