

SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Set Code

Indoor unit code
 Outdoor unit code

Set Model

Indoor unit model
 Outdoor unit model

IDUMSAG11B-12HRFN1-MS0W
 ODUMOX230-12HFN1-MS8W

Certified



SYSTEM PERFORMANCE DATA

Power supply

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

Electrical

Minimum circuit ampacity(Outdoor)	(A)	15.0
Max.fuse(Outdoor)	(A)	15.0
Connection wiring		14#x4

Cooling

Capacity	(Btu/h)	12000(3800~13350)
Power Input	(W)	1111(239~1528)
Current	(A)	4.9(1.05~6.78)
SEER2	(Btu/W)	21.4
EER2	(Btu/W)	10.8

Heating

Capacity	(Btu/h)	12000(2730~13900)
Power Input	(W)	1039(376~1390)
Current	(A)	4.6(1.67~6.17)
HSPF2-4	(Btu/W)	9.2
HSPF2-5	(Btu/W)	6.9
COP	W/W	3.38
Heat at 17F(H32)	(Btu/h)	7000
Heat at 5F(H42)	(Btu/h)	8000
COP at 5F(H42)	W/W	1.79

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	Capillary
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	28.57
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.16
Additional charge for each m	(g/m)	15.0
Liquid side/ Gas side(indoor)	(inch)	1/4"/1/2"
	(mm)	6.35/12.7
Liquid side/ Gas side(outdoor)	(inch)	1/4"/1/2"
	(mm)	6.35/12.7
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(m)	10.0
Connection method		Flared
Indoor(cooling)	(Deg. °F)	60 ~ 90
	(Deg. °C)	16 ~ 32

INDOOR UNIT DATA

Indoor fan motor

Model		ZKFP-13-8-4
Qty		1
Input	(W)	/
Output	(W)	13.0
RLA	(A)	0.6
Speed(Hi/Mi/Lo)	(r/min)	1250/1070/800

Air flow & Noise level

Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	347.06/291.18/197.06/155.88
Indoor noise level (Hi/Med/Lo)	[dB(A)]	41/35/24

Dehumidification

	(L/H)	1.21
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Indoor unit

Dimension (WxDxH)	(inch)	31.57x7.87x11.61
	(mm)	802x200x295
Packing(WxDxH)	(inch)	34.45x11.22x14.96
	(mm)	875x285x380
Net/Gross weight	(lbs.)	18.74/24.03
	(kg)	8.5/10.9

OUTDOOR UNIT DATA

Compressor

Type		ROTARY
Model		KSN98D64UFZ3
Brand		GMCC
Capacity	(Btu/h)	10577
Input	(W)	765
Rated current (RLA)	(A)	7.5
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 300±10

Outdoor fan motor

Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	/
Output	(W)	34
RLA	(A)	0.7
Speed	(r/min)	780/700/600

Air flow & Noise level

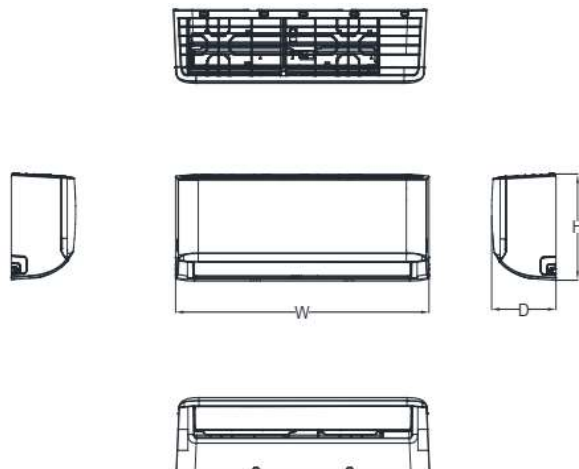
Outdoor air flow (Max.)	(CFM)	1235
Outdoor noise level	[dB(A)]	53.5

Outdoor unit

Dimension (WxDxH)	(inch)	30.12x11.93x21.85
	(mm)	765x303x555
Packing (WxDxH)	(inch)	34.92x13.27x24.02
	(mm)	887x337x610

Indoor(heating)	(Deg. °F)	32 ~ 86	Net/ Gross weight	(lbs.)	59.30/64.82
	(Deg. °C)	0 ~ 30		(kg)	26.9/29.4
Outdoor(cooling)	(Deg. °F)	5~122			
	(Deg. °C)	-15 ~ 50			
Outdoor(heating)	(Deg. °F)	5 ~ 75			
	(Deg. °C)	-15 ~ 24			

Indoor unit dimension



Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
6K~11K	A	729/28.7	200/7.87	292/11.5
8K~14K	B	802/31.57	200/7.87	295/11.61
12K~21K	C	971/38.23	228/8.98	321/12.64
18K~28K	D	1082/42.6	234/9.21	337/13.27
27K~36K	F	1259/49.57	283/11.14	362/14.25

Outdoor unit dimension

