

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

IDUMSAG11A-09HRFN1-MTOW
 ODUMOX230-09HFN1-MTOW

Certified

AHRI

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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)	12.0
Max.fuse(Outdoor)	(A)	15.0
Connection wiring		14#x4

Cooling

Capacity	(Btu/h)	9000(2900~10500)
Power Input	(W)	715(220~950)
Current	(A)	3.11(0.96~4.13)
SEER2	(Btu/W)	21.7
EER2	(Btu/W)	12.6

Heating

Capacity	(Btu/h)	10000(2400~10500)
Power Input	(W)	905(190~1160)
Current	(A)	3.94(0.83~5.04)
HSPF2-4	(Btu/W)	9.4
HSPF2-5	(Btu/W)	7.2
COP	W/W	3.24
Heat at 17F(H32)	(Btu/h)	6000
Heat at 5F(H42)	(Btu/h)	7000
COP at 5F(H42)	W/W	2.00

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	Capillary
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	25.40
	(ft)	25.0
Refrigerant precharge	(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"/3/8"
	(mm)	6.35/9.52
Liquid side/ Gas side(outdoor)	(inch)	1/4"/3/8"
	(mm)	6.35/9.52
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)	0.2
Speed(Hi/Mi/Lo)	(r/min)	1050/810/690

Air flow & Noise level

Indoor air flow (Turbo/Hi/Med/Lo)	(CFM)	311.76/246.47/176.47/141.18
Indoor noise level (Hi/Med/Lo)	[dB(A)]	37/28/20

Dehumidification

	(L/H)	0.945
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Indoor unit

Dimension (WxDxH)	(inch)	28.70x7.87x11.50
	(mm)	729x200x292
Packing(WxDxH)	(inch)	31.10x10.63x14.76
	(mm)	790x270x375
Net/Gross weight	(lbs.)	17.64/22.49
	(kg)	8.0/10.2

OUTDOOR UNIT DATA

Compressor

Type		ROTARY
Model		KSK103D33UEZ3
Brand		GMCC
Capacity	(Btu/h)	11106
Input	(W)	826
Rated current (RLA)	(A)	7
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 310

Outdoor fan motor

Model		ZKFN-34-10-1-3
Qty		1
Input	(W)	/
Output	(W)	34
RLA	(A)	0.8
Speed	(r/min)	800/600

Air flow & Noise level

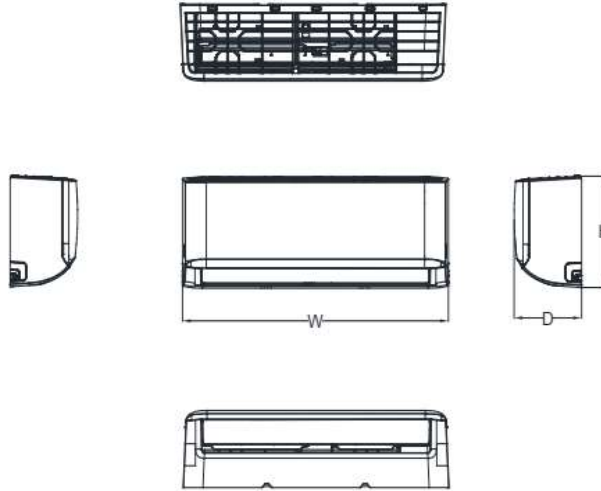
Outdoor air flow (Max.)	(CFM)	1294
Outdoor noise level	[dB(A)]	54.5

Outdoor unit

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

Indoor(heating)	(Deg. °F)	32 ~ 86	Net/ Gross weight	(lbs.)	55.11/60.85
	(Deg. °C)	0 ~ 30		(kg)	25.0/27.6
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

