



SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____
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Set Code	22022010018019
Indoor unit code	22022011018206
Outdoor unit code	22022016017906
Set Model	
Indoor unit model	EZ-18W-M
Outdoor unit model	EZ-18ZPL-HP230
Certified	
AHRI	
UL	



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)	18
Max. fuse (Outdoor)	(A)	30
Connection wiring		14AWG#4
Cooling		
Capacity	(Btu/h)	18000(7250~18660)
Power Input	(W)	1440(600~1700)
Current	(A)	6.4(2.6~7.5)
SEER2	(Btu/W)	22.7
EER2	(Btu/W)	12.6
Heating		
Capacity	(Btu/h)	18000(6690~21200)
Power Input	(W)	1425(570~1964)
Current	(A)	6.2(2.5~9)
HSPF2-4	(Btu/W)	9.8
HSPF2-5	(Btu/W)	7.2
COP	WW	3.70
Heat at 17F(H32)	(Btu/h)	13800
Heat at 5F(H42)	(Btu/h)	11700
COP at 5F(H42)	WW	2.05

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV + Throttle Valve
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	56.44
	(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
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)	98.42
	(m)	30
Max. difference in level	(ft)	65.62
	(m)	20
Connection method		Flared
Indoor(cooling)	(Deg. °F)	62~90
	(Deg. °C)	17~32
Indoor(heating)	(Deg. °F)	32~86
	(Deg. °C)	0~30
Outdoor(cooling)	(Deg. °F)	-13~122
	(Deg. °C)	-25~50
Outdoor(heating)	(Deg. °F)	-13~86
	(Deg. °C)	-25~30

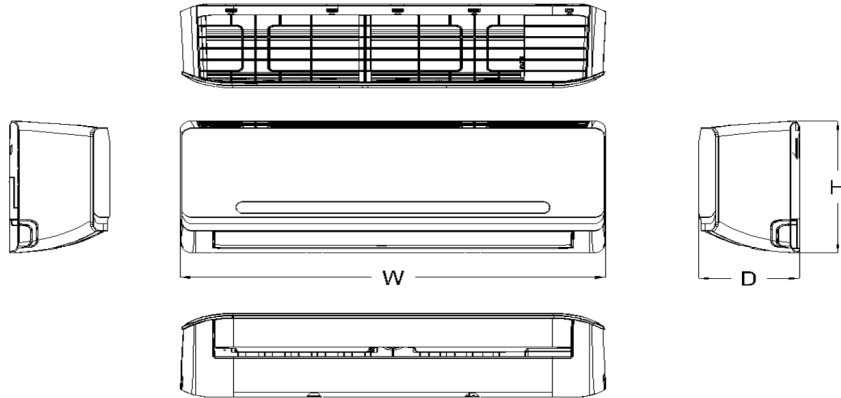
INDOOR UNIT DATA

Indoor fan motor		
Model		ZKFP-58-8-1-5
Qty		1
Input	(W)	58
Output	(W)	58.0
RLA	(A)	0.25
Speed(Hi/Mi/Lo)	(r/min)	1120/950/700
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	694.12/465.29/361.76/304.12
Indoor noise level (Hi/Med/Lo)	[dB(A)]	44.5/37/31
Dehumidification	(L/H)	1.53
Indoor unit		
Dimension (WxDxH)	(inch)	42.52x8.90x13.19
	(mm)	1080x226x335
Packing (WxDxH)	(inch)	46.73x17.68x14.29
	(mm)	1187x449x363
Net/Gross weight	(lbs.)	34.61/56.00
	(kg)	15.7/25.4

OUTDOOR UNIT DATA

Compressor		
Type		ROTARY
Model		KSN140D58UFZ
Brand		GMCC
Capacity	(Btu/h)	14723
Input	(W)	1090
Rated current (RLA)	(A)	12
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 440
Outdoor fan motor		
Model		ZKFN-80-8-3
Qty		1
Input	(W)	/
Output	(W)	80
RLA	(A)	0.76
Speed	(r/min)	810/720
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	1764.71
Outdoor noise level	[dB(A)]	58.5
Outdoor unit		
Dimension (WxDxH)	(inch)	35.04x13.46x26.50
	(mm)	890x342x673
Packing (WxDxH)	(inch)	39.17x15.67x29.13
	(mm)	995x398x740
Net/ Gross weight	(lbs.)	94.36/100.97
	(kg)	42.8/45.8

Indoor unit dimension



Capacity	Body Code	W(mm)	D(mm)	H(mm)
7K~9K	A	722	187	290
9K~12K	B	802	189	297
12K~18K	D	965	215	319
18K~24K	E	1080	226	335
27K~36K	F	1259	282	362
30K~36K	G	1350	272	365

Outdoor unit dimension

