



SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

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

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

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	



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	W/W	3.70	
Heat at 17F(H32)	(Btu/h)	13800	
Heat at 5F(H42)	(Btu/h)	11700	
COP at 5F(H42)	W/W	2.05	

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	+节流阀(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

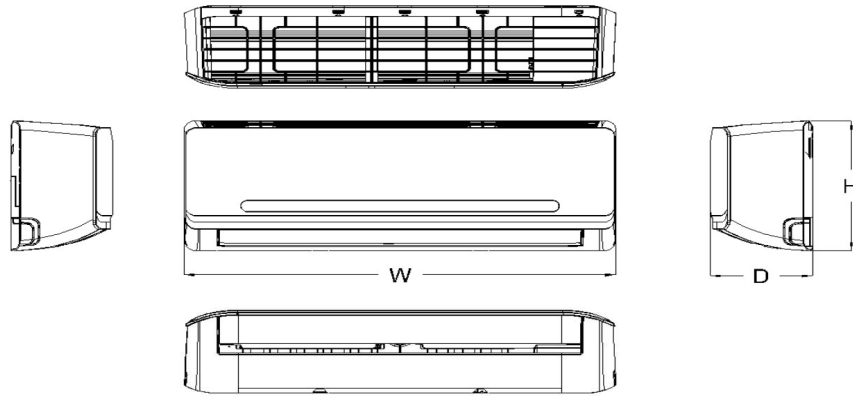
INDOOR UNIT DATA

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

