



SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

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

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

Set Code	22022010018142
Indoor unit code	22022011018208
Outdoor unit code	22022016017908
Set Model	
Indoor unit model	EZ-24W-M
Outdoor unit model	EZ-24ZPL-HP230
Certified	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> AHRI <small>AIR CONDITIONING HEATING & REFRIGERATION INSTITUTE</small> </div> <div style="text-align: center;"> UL <small>LISTED</small> </div> <div style="text-align: center;"> ENERGY STAR </div> </div>



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)	22	
Max. fuse (Outdoor)	(A)	35	
Connection wiring		14AWG*4	
Cooling			
Capacity	(Btu/h)	23000(8500~26600)	
Power Input	(W)	1840(400~2630)	
Current	(A)	8.2(1.75~11.43)	
SEER2	(Btu/W)	20.5	
EER2	(Btu/W)	12.5	
Heating			
Capacity	(Btu/h)	25000(10350~30400)	
Power Input	(W)	2326(550~3220)	
Current	(A)	10.2(2.4~14)	
HSPF2-4	(Btu/W)	9.2	
HSPF2-5	(Btu/W)	7.1	
COP	W/W	3.15	
Heat at 17F(H32)	(Btu/h)	17900	
Heat at 5F(H42)	(Btu/h)	15500	
COP at 5F(H42)	W/W	2.04	

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	81.13
	(ft)	25.0
Refrigerant precharge	(m)	7.5
Additional charge for each ft	(oz/ft)	0.32
Additional charge for each m	(g/m)	30
Liquid side/ Gas side(indoor)	(inch)	3/8"/5/8"
	(mm)	9.52/15.9
Liquid side/ Gas side(outdoor)	(inch)	3/8"/5/8"
	(mm)	9.52/15.9
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

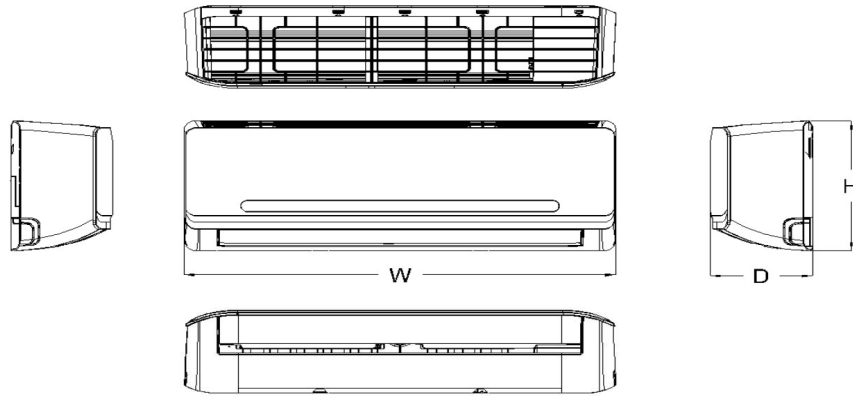
INDOOR UNIT DATA

Indoor fan motor			
Model		ZKFP-58-8-1-5	
Qty		1	
Input	(W)	58	
Output	(W)	58.0	
RLA	(A)	0.45	
Speed(Hi/Mi/Lo)	(r/min)	1200/1000/700	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	752.94/605.88/505.88/364.71	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	48.5/43.5/33	
Dehumidification	(L/H)	3.04	
Indoor unit			
Dimension (WxDxH)	(inch)	42.52x8.90x13.19	
	(mm)	1080x226x335	
Packing (WxDxH)	(inch)	46.73x17.68x14.29	
	(mm)	1187x449x363	
Net/Gross weight	(lbs.)	35.27/60.19	
	(kg)	16/27.3	

OUTDOOR UNIT DATA

Compressor			
Type		Twin-ROTARY	
Model		KTM240D57UMT	
Brand		GMCC	
Capacity	(Btu/h)	26409	
Input	(W)	2085	
Rated current (RLA)	(A)	15	
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 670	
Outdoor fan motor			
Model		ZKFN-120-8-2	
Qty		1	
Input	(W)	/	
Output	(W)	120	
RLA	(A)	0.6	
Speed	(r/min)	850/750/700	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	2235.29	
Outdoor noise level	[dB(A)]	60	
Outdoor unit			
Dimension (WxDxH)	(inch)	37.24x16.14x31.89	
	(mm)	946x410x810	
Packing (WxDxH)	(inch)	42.91x19.88x37.01	
	(mm)	1090x505x940	
Net/ Gross weight	(lbs.)	125.22/143.74	
	(kg)	56.8/65.2	

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

