



Wells HVAC Supply
930 W 21st St, Chicago, IL 60608
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Website: www.wellshvacsupply.com

SUBMITTAL DATA SHEET

Wall Mounted Heat Pump System

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

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

Inquiry: sales@wellshvacsupply.com

Set Code
Indoor unit code 22022010017977
Outdoor unit code 22022011016725
22022016015920

Set Model
Indoor unit model WSA-24HFMI
Outdoor unit model WSA-24HFMO

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)	25.0	
Max.fuse(Outdoor)	(A)	35.0	
Connection wiring		14AWG*4	
Cooling			
Capacity	(Btu/h)	23000(4650-26600)	
Power Input	(W)	1840(484-2540)	
Current	(A)	8.25(2.1-11)	
SEER2	(Btu/W)	22.3	
EER2	(Btu/W)	12.5	
Heating			
Capacity	(Btu/h)	26000(9550-27000)	
Power Input	(W)	2540(810-3090)	
Current	(A)	11.38(3.5-13.4)	
HSPF2-4	(Btu/W)	10.3	
HSPF2-5	(Btu/W)	7.7	
COP	W/W	3.00	
Heat at 17F(H32)	(Btu/h)	18900	
Heat at 5F(H42)	(Btu/h)	23000	
COP at 5F(H42)	W/W	1.80	

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	91.71
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.32
Additional charge for each m	(g/m)	30.0
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)	164.0
	(m)	50.0
Max. difference in level	(ft)	82.0
	(m)	25.0
Connection method		Flared
Indoor(cooling)	(Deg. °F)	60 ~ 90
	(Deg. °C)	16 ~ 32
Indoor(heating)	(Deg. °F)	32 ~ 86
	(Deg. °C)	0 ~ 30
Outdoor(cooling)	(Deg. °F)	-22~-122
	(Deg. °C)	-30 ~ 50
Outdoor(heating)	(Deg. °F)	-22 ~ 75
	(Deg. °C)	-30 ~ 24

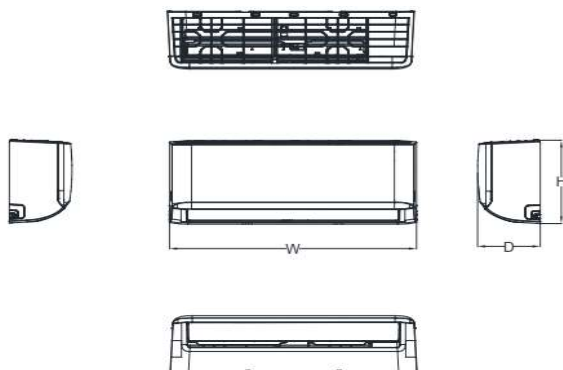
INDOOR UNIT DATA

Indoor fan motor			
Model		ZKFP-58-8-1-5	
Qty		1	
Input	(W)	58.00	
Output	(W)	58.0	
RLA	(A)	0.4	
Speed(Hi/Mi/Lo)	(r/min)	1200/1080/600	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	760.59/601.18/458.82/382.35	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	46.5/44/35	
Dehumidification	(L/H)	2.43	
Indoor unit			
Dimension (WxDxH)	(inch)	42.60x9.21x13.27	
	(mm)	1082x234x337	
Packing(WxDxH)	(inch)	45.47x16.34x12.40	
	(mm)	1155x415x315	
Net/Gross weight	(lbs.)	29.98/38.14	
	(kg)	13.6/17.3	

OUTDOOR UNIT DATA

Compressor			
Type		Twin-ROTARY	
Model		KTM240D43UKT	
Brand		GMCC	
Capacity	(Btu/h)	25931	
Input	(W)	2045	
Rated current (RLA)	(A)	17.1	
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 620	
Outdoor fan motor			
Model		ZKFN-120-8-2	
Qty		1	
Input	(W)	150.0	
Output	(W)	120	
RLA	(A)	0.5	
Speed	(r/min)	950/800/500	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	2235	
Outdoor noise level	[dB(A)]	62.5	
Outdoor unit			
Dimension (WxDxH)	(inch)	37.24x16.14x31.89	
	(mm)	946x410x810	
Packing (WxDxH)	(inch)	42.91x19.69x34.84	
	(mm)	1090x500x885	
Net/ Gross weight	(lbs.)	134.48/144.40	
	(kg)	61/65.5	

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

