



Wells HVAC Supply
930 W 21st St, Chicago, IL 60608
Tel: (312) 800-8455
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 22022010018137
Outdoor unit code 22022016016162

Set Model
Indoor unit model WSA-09HFMI
Outdoor unit model WSA-09HFMO

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)	15.0	
Max.fuse(Outdoor)	(A)	15.0	
Connection wiring		14AWG*4	
Cooling			
Capacity	(Btu/h)	9000(3700~13300)	
Power Input	(W)	569(200~1160)	
Current	(A)	2.5(0.9~5.1)	
SEER2	(Btu/W)	26.4	
EER2	(Btu/W)	15.8	
Heating			
Capacity	(Btu/h)	12000(5100~14300)	
Power Input	(W)	902(350~1400)	
Current	(A)	4.0(1.6~6.5)	
HSPF2-4	(Btu/W)	11.6	
HSPF2-5	(Btu/W)	8.5	
COP	W/W	3.90	
Heat at 17F(H32)	(Btu/h)	9300	
Heat at 5F(H42)	(Btu/h)	11000	
COP at 5F(H42)	W/W	1.85	

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	41.62
Refrigerant precharge	(ft)	25.0
	(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(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

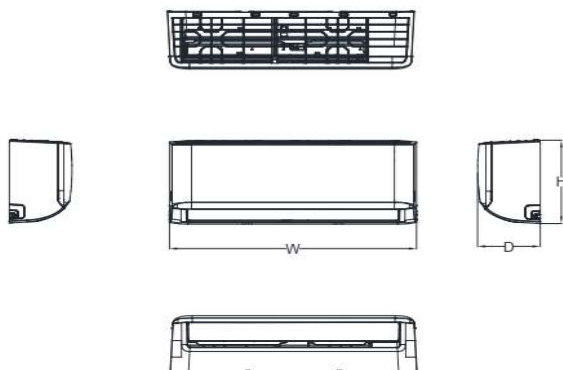
INDOOR UNIT DATA

Indoor fan motor			
Model		ZKFP-13-8-4	
Qty		1	
Input	(W)	/	
Output	(W)	13.0	
RLA	(A)	0.2	
Speed(Hi/Mi/Lo)	(r/min)	1150/990/750	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	341.18/291.18/194.12/152.94	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	40/35/23.5	
Dehumidification	(L/H)	0.4	
Indoor unit			
Dimension (WxDxH)	(inch)	31.57x7.87x11.61	
	(mm)	802x200x295	
Packing(WxDxH)	(inch)	34.45x11.22x14.96	
	(mm)	875x285x380	
Net/Gross weight	(lbs.)	18.96/24.25	
	(kg)	8.6/11	

OUTDOOR UNIT DATA

Compressor			
Type		ROTARY	
Model		KTN110D42UFZ	
Brand		GMCC	
Capacity	(Btu/h)	11823	
Input	(W)	885	
Rated current (RLA)	(A)	8.8	
Refrigerant oil/oil charge	(ml)	VG74/350	
Outdoor fan motor			
Model		ZKFN-34-10-1	
Qty		1	
Input	(W)	/	
Output	(W)	34	
RLA	(A)	0.4	
Speed	(r/min)	850/680/450	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	1324	
Outdoor noise level	[dB(A)]	55.5	
Outdoor unit			
Dimension (WxDxH)	(inch)	31.69x12.99x21.81	
	(mm)	805x330x554	
Packing (WxDxH)	(inch)	36.02x14.57x24.21	
	(mm)	915x370x615	
Net/ Gross weight	(lbs.)	74.07/80.25	
	(kg)	33.6/36.4	

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

