



Wells HVAC Supply
930 W 21st St, Chicago, IL 60608
Tel: (312) 800-8455
Website: www.wellshvacsupply.com

SUBMITTAL DATA SHEET

One Way Cassette Heat Pump System

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

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

Inquiry: sales@wellshvacsupply.com

Set Code
Indoor unit code 22022510004784
Outdoor unit code 22022511003976
22022016016320

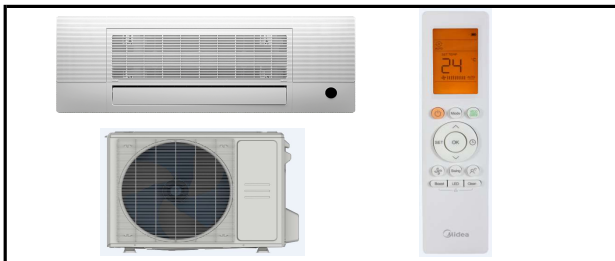
Set Model
Indoor unit model WMA-06HFMCI
Outdoor unit model WSA-06HFMO

Certified

AHRI



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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)	13.0	
Max.fuse(Outdoor)	(A)	15.0	
Connection wiring		14*4 AWG	
Cooling			
Capacity	(Btu/h)	6500(3600~11200)	
Power Input	(W)	448(155~975)	
Current	(A)	3(1.18~4.33)	
SEER2	(Btu/W)	22.0	
EER2	(Btu/W)	14.5	
Heating			
Capacity	(Btu/h)	7100(3700~12500)	
Power Input	(W)	555(290~1097)	
Current	(A)	4.33(1.44~4.87)	
HSPF2-4	(Btu/W)	10.8	
HSPF2-5	(Btu/W)	9.0	
COP	W/W	3.75	
Heat at 17F(H32)	(Btu/h)	5700	
Heat at 5F(H42)	(Btu/h)	8000	
COP at 5F(H42)	W/W	2.00	

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	38.10
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)	-13~122
	(Deg. °C)	-25 ~ 50
Outdoor(heating)	(Deg. °F)	-13 ~ 75
	(Deg. °C)	-25 ~ 24

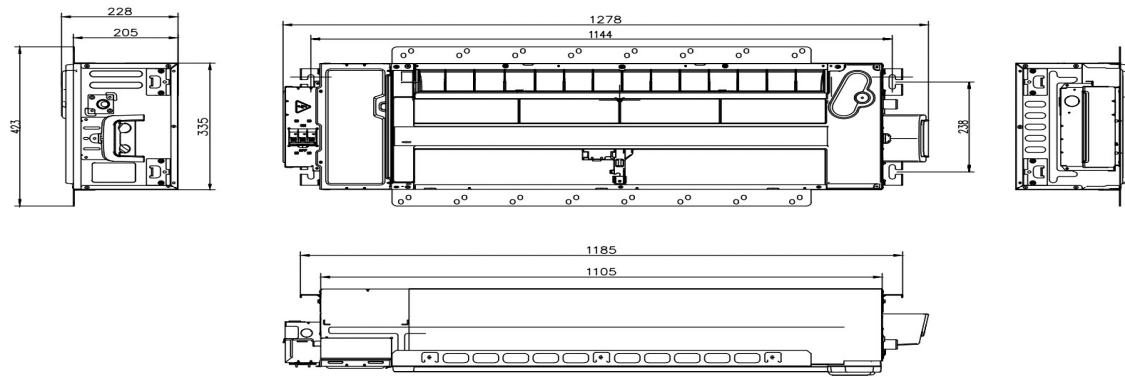
INDOOR UNIT DATA

Indoor fan motor			
Model		ZKFN-30-8-43	
Qty		1	
Input	(W)	/	
Output	(W)	30.0	
RLA	(A)	0.80	
Speed(Hi/Mi/Lo)	(r/min)	1024/944/784	
Air flow & Noise level			
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	341.18/294.12/258.82/235.29	
Indoor noise level (Hi/Med/Lo)	[dB(A)]	37.5/35.5/32.5	
Dehumidification	(L/H)	1.02	
Indoor unit			
Dimension (WxDxH)	(inch)	50.31x13.19x8.98	
	(mm)	1278x335x228	
Packing(WxDxH)	(inch)	57.60x22.48x22.64	
	(mm)	1463x571x575	
Net/Gross weight	(lbs.)	43.87/81.35	
	(kg)	19.9/36.9	

OUTDOOR UNIT DATA

Compressor			
Type		ROTARY	
Model		KSK103D33UEZ3	
Brand		GMCC	
Capacity	(Btu/h)	11106	
Input	(W)	826	
Rated current (RLA)	(A)	6.4	
Refrigerant oil/oil charge	(ml)	ESTER OIL VG74 310	
Outdoor fan motor			
Model		ZKFN-34-10-1	
Qty		1	
Input	(W)	/	
Output	(W)	34.00	
RLA	(A)	0.40	
Speed	(r/min)	800/600	
Air flow & Noise level			
Outdoor air flow (Max.)	(CFM)	1294.1	
Outdoor noise level	[dB(A)]	53.5	
Outdoor unit			
Dimension (WxDxH)	(inch)	30.12x11.93x21.85	
	(mm)	765x303x555	
Packing (WxDxH)	(inch)	34.92x13.27x24.02	
	(mm)	887x337x610	
Net/ Gross weight	(lbs.)	63.71/69.00	
	(kg)	28.9/31.3	

Indoor unit dimension



Outdoor unit dimension

