



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 22022510004786
Indoor unit code 22022511003956
Outdoor unit code 22022016016220

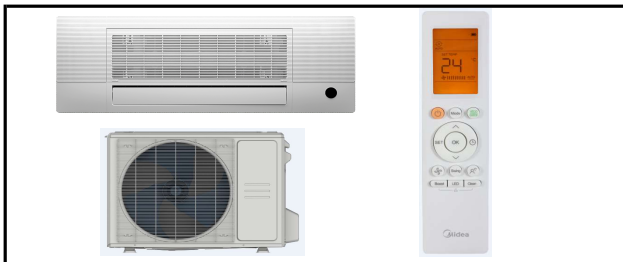
Set Model
Indoor unit model WMA-12HFMCI
Outdoor unit model WSA-12HFMO

Certified

AHRI



UL



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 14*4 AWG

Cooling

Capacity (Btu/h) 12000(4000~14100)
Power Input (W) 923(147~1257)
Current (A) 4.17(1.17~5.54)
SEER2 (Btu/W) 23.0
EER2 (Btu/W) 13.0

Heating

Capacity (Btu/h) 12500(4600~15000)
Power Input (W) 1150(362~1500)
Current (A) 4.85(1.73~6.59)
HSPF2-4 (Btu/W) 10.0
HSPF2-5 (Btu/W) 7.8
COP W/W 3.19
Heat at 17F(H32) (Btu/h) 9500
Heat at 5F(H42) (Btu/h) 11000
COP at 5F(H42) W/W 1.80

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" / 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)	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 ZKFN-30-8-43
Qty 1
Input (W) /
Output (W) 30.0
RLA (A) 1.00
Speed(Hi/Mi/Lo) (r/min) 1075/982/797

Air flow & Noise level

Indoor air flow (Hi/Med/Lo) (No duct) (CFM) 352.94/311.76/282.35/247.06
Indoor noise level (Hi/Med/Lo) [dB(A)] 38.5/37/32.5
Dehumidification (L/H) 1.45

Indoor unit

Dimension (WxDxH) (inch) 50.31x13.19x8.98
(mm) 1278x335x228
Packing(WxDxH) (inch) 57.60x22.48x22.64
(mm) 1463x571x575
Net/Gross weight (lbs.) 45.19/82.89
(kg) 20.5/37.6

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) 34.00
RLA (A) 0.36
Speed (r/min) 850/680/450

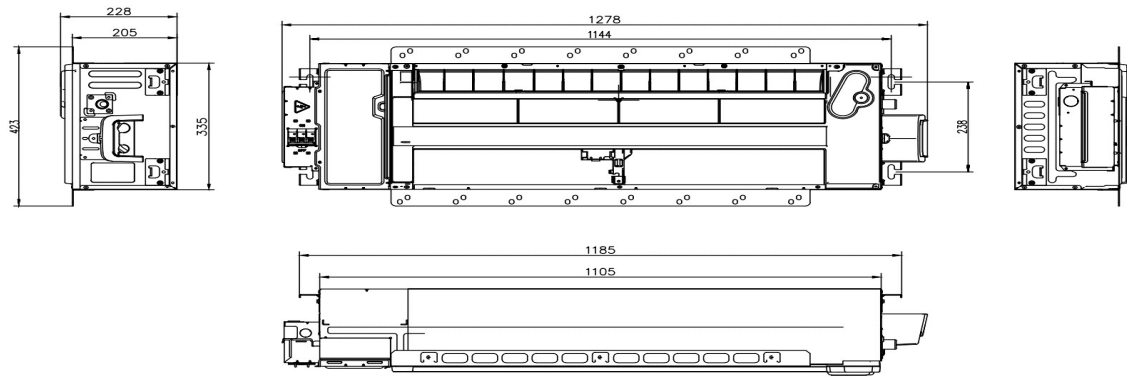
Air flow & Noise level

Outdoor air flow (Max.) (CFM) 1323.5
Outdoor noise level [dB(A)] 56.0

Outdoor unit

Dimension (WxDxH) (inch) 31.69x12.99x21.81
(mm) 805x330x554
Packing (WxDxH) (inch) 36.02x14.57x24.21
(mm) 915x370x615
Net/ Gross weight (lbs.) 73.63/79.37
(kg) 33.4/36

Indoor unit dimension



Outdoor unit dimension

