



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

SUBMITTAL DATA SHEET

Four 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 22022510004424
 Outdoor unit code 22022511000710
 Outdoor unit code 22022016016220

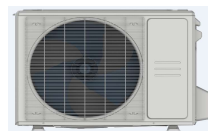
Set Model
 Indoor unit model WMA-12HFMC4
 Outdoor unit model WSA-12HFMO

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(3000~13700)
 Power Input (W) 945(162~1350)
 Current (A) 4.32(1.24~6.18)
 SEER2 (Btu/W) 22.3
 EER2 (Btu/W) 12.7

Heating

Capacity (Btu/h) 12000(2000~15300)
 Power Input (W) 1080(146~1350)
 Current (A) 4.99(1.15~5.88)
 HSPF2-4 (Btu/W) 10.2
 HSPF2-5 (Btu/W) 8.0
 COP W/W 3.26
 Heat at 17F(H32) (Btu/h) 9900
 Heat at 5F(H42) (Btu/h) 11300
 COP at 5F(H42) W/W 1.89

REFRIGERANT PIPE DATA

	Indoor unit	N/A
Throttle type	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)	62 ~ 90
	(Deg. °C)	17 ~ 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-46-8-1
 Qty 1
 Input (W) 45.00
 Output (W) 46.0
 RLA (A) 0.00
 Speed(Hi/Mi/Lo) (r/min) /

Air flow & Noise level

Indoor air flow (Hi/Med/Lo) (No duct) (CFM) //335.29/282.35/241.18
 Indoor noise level (Hi/Med/Lo) [dB(A)] 40.5/35.5/31.5
 Dehumidification (L/H) 1.69

Indoor unit

Dimension (WxDxH) (inch) 22.44x22.44x10.24
 (mm) 570x570x260
 Packing(WxDxH) (inch) 26.06x26.06x12.48
 (mm) 662x662x317
 Net/Gross weight (lbs.) 35.27/41.01
 (kg) 16/18.6

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

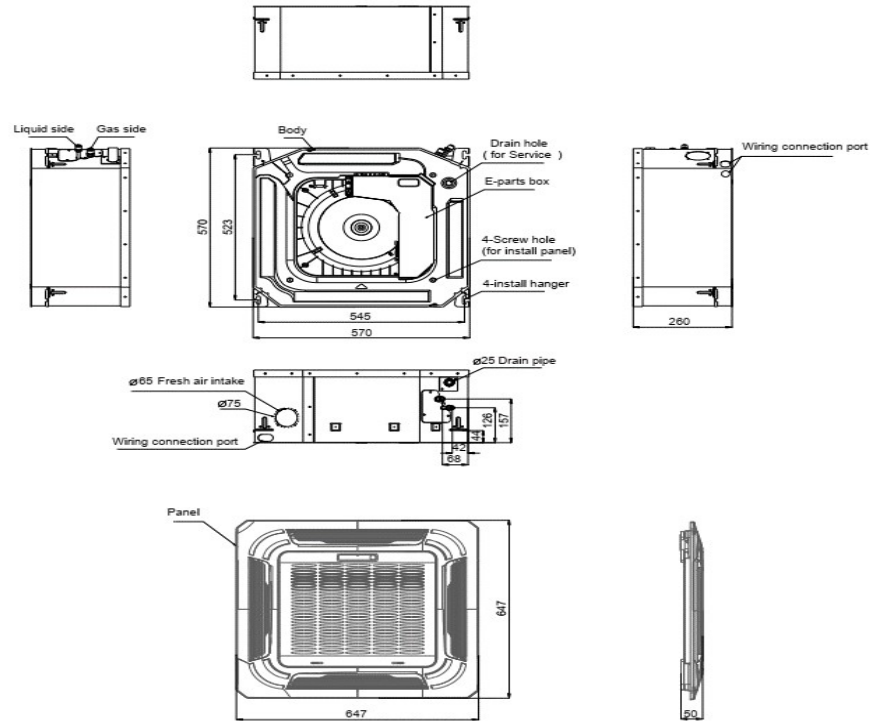
Air flow & Noise level

Outdoor air flow (Max.) (CFM) 1323.5
 Outdoor noise level [dB(A)] 52.5

Outdoor unit

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

Indoor unit dimension



Outdoor unit dimension

