



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 22022510004443
Outdoor unit code 22022511000703
Outdoor unit code 22022016016162

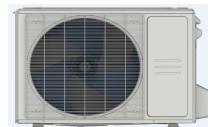
Set Model
Indoor unit model WMA-09HFMC4
Outdoor unit model WSA-09HFMO

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) 9000(2850~11100)
Power Input (W) 692(163~1117)
Current (A) 3.17(1.25~4.93)
SEER2 (Btu/W) 20.5
EER2 (Btu/W) 13.0

Heating

Capacity (Btu/h) 9800(2270~12500)
Power Input (W) 930(149~1371)
Current (A) 4.58(1.17~6.04)
HSPF2-4 (Btu/W) 10.3
HSPF2-5 (Btu/W) 7.8
COP W/W 3.09
Heat at 17F(H32) (Btu/h) 9000
Heat at 5F(H42) (Btu/h) 10000
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" / 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)	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) 600/520/460

Air flow & Noise level

Indoor air flow (Hi/Med/Lo) (No duct) (CFM) //352.94/305.88/270.59
Indoor noise level (Hi/Med/Lo) [dB(A)] 39.5/36/32.5
Dehumidification (L/H) 1.03

Indoor unit

Dimension (WxDxH) (inch) 22.44x22.44x10.24
(mm) 570x570x260
Packing(WxDxH) (inch) 26.06x26.06x12.48
(mm) 662x662x317
Net/Gross weight (lbs.) 31.97/38.14
(kg) 14.5/17.3

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) 0.42
Speed (r/min) 850/680/450

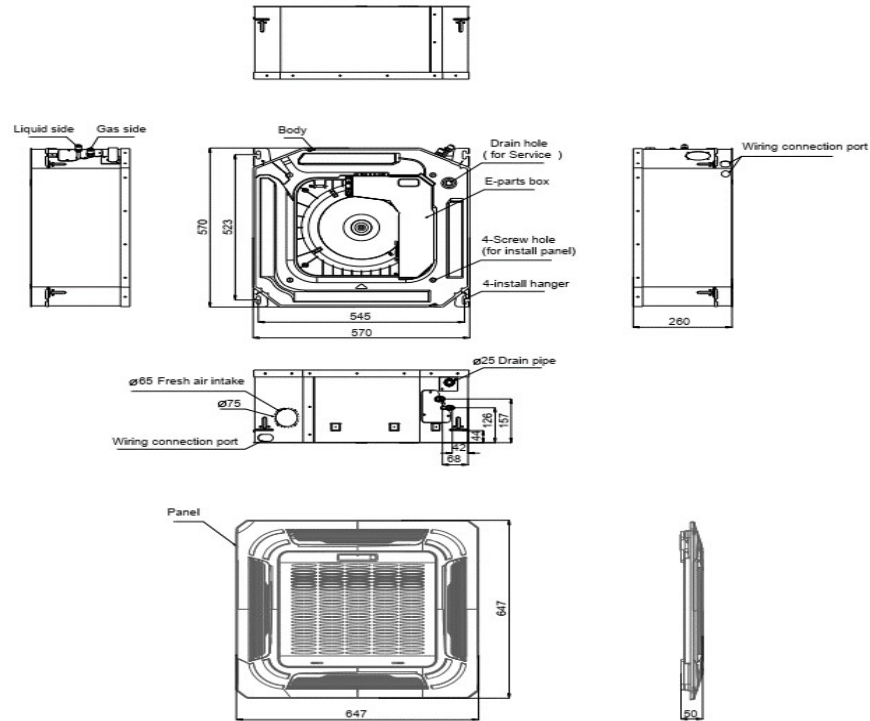
Air flow & Noise level

Outdoor air flow (Max.) (CFM) 1323.5
Outdoor noise level [dB(A)] 55.0

Outdoor unit

Dimension (WxDxH) (inch) 31.69x12.99x21.81
(mm) 805x330x554
Packing (WxDxH) (inch) 36.02x14.57x24.21
(mm) 915x370x615
Net/ Gross weight (lbs.) 74.07/80.25
(kg) 33.6/36.4

Indoor unit dimension



Outdoor unit dimension

