



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

SUBMITTAL DATA SHEET

Multi Zone Heat Pump	
Location: _____	Approval: _____
Engineer: _____	Date: _____
Submitted to: _____	Construction: _____
Submitted by: _____	Unit #: _____
Reference: _____	Drawing #: _____
Inquiry: sales@wellshvacsupply.com	

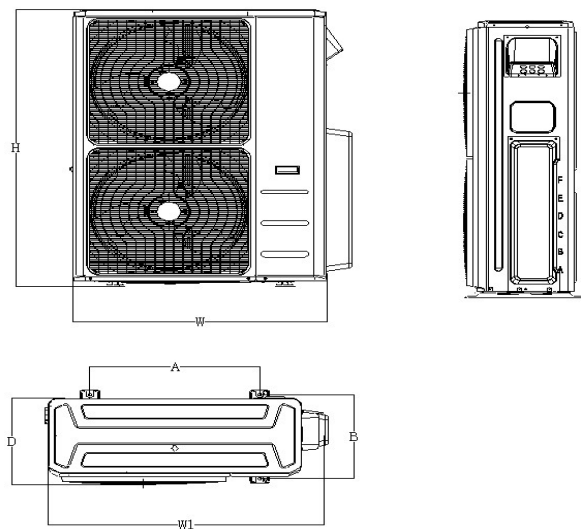
Set Code	22022310003024
Indoor unit code	2202301100387422023011003875
Outdoor unit code	22022316001646
Set Model	
Indoor unit model	Ducted Indoor Units
Outdoor unit model	WMMA-48HFMO
Certified	
AHRI	
UL	



SYSTEM PERFORMANCE DATA			
Power supply			
Normal Operational Voltage	(V, Ph, Hz)	208/230V, 1Ph, 60Hz	
Voltage Range	(V)	187-253	
Electrical			
Minimum circuit ampacity	(A)	40.0	
Max.fuse	(A)	60.0	
Connection wiring		14AWG*4 Stranded, unshielded	
Cooling			
Capacity	(Btu/h)	48000(19400~51000)	
Power Input	(W)	4440(600~5550)	
Current	(A)	21.5(3.7~26.0)	
SEER2	(Btu/W)	20.5	
EER2	(Btu/W)	10.8	
Heating			
Capacity	(Btu/h)	50000(15500~56000)	
Power Input	(W)	3930(940~5550)	
Current	(A)	18.2(4.9~26.0)	
HSPF2-4	(Btu/W)	9.7	
HSPF2-5	(Btu/W)	7.2	
COP	W/W	3.73	
Heat at 17F(H32)	(Btu/h)	36000	
Heat at 5F(H42)	(Btu/h)	33000	
COP at 5F(H42)	W/W	1.70	
REFRIGERANT PIPE DATA			
Design pressure	(PSIG)	550/340	
Refrigerant Type		R410A	
Refrigerant charge	oz	162.0	
Refrigerant precharge	(ft)	25x5	
Additional charge for each ft	(oz/ft)	0.16	
(Φ6.35 (1/4") liquid pipe)	(g/ft)	15.0	
Additional charge for each ft	(oz/ft)	0.32	
(Φ9.52 (3/8") liquid pipe)	(g/ft)	30.0	
Liquid side	(inch)	5x1/4"	
	(mm)	5x6.35	
Gas side	(inch)	3x3/8"+2x1/2"	
	(mm)	3x9.52+2x12.7	
Max. length for all rooms	(ft)	262.5	
	(m)	80.0	
Max. length for one indoor unit	(ft)	114.8	
	(m)	35.0	
Max. height difference between indoor and outdoor unit	(ft)	49.2	
	(m)	15.0	
Max. height difference between indoor units	(ft)	33.0	
	(m)	10.0	

Outdoor(cooling)	(Deg. °F)	5~122
	(Deg. °C)	-15 ~ 50
Outdoor(heating)	(Deg. °F)	-13 ~ 75
	(Deg. °C)	-25 ~ 24
OUTDOOR UNIT DATA		
Compressor		
Type		ROTARY
Model		ATQ360D1UMU
Brand		GMCC
Capacity	(Btu/h)	38214
Input	(W)	3040
Rated current (RLA)	(A)	24
Refrigerant oil/oil charge	(ml)	VG74/1400
Outdoor fan motor		
Model		ZKFN-85-8-22-5
Qty		2
Input	(W)	126.00
Output	(W)	85.00
RLA	(A)	2.50
Speed	(r/min)	900/850/800/750
Air flow & Noise level		
Outdoor air flow (Max.)	(CFM)	4500.00
Outdoor noise level	[dB(A)]	63.00
Outdoor unit		
Dimension (W×D×H)	(inch)	37.48x16.34x52.48
	(mm)	952x415x1333
Packing (W×D×H)	(inch)	43.11x19.49x58.27
	(mm)	1095x495x1480
Net/ Gross weight	(lbs.)	225.53/256.62
	(kg)	102.3/116.4

Outdoor unit dimension



Unit ¹⁾	W ²⁾	D ³⁾	H ⁴⁾	W1 ⁵⁾	A ⁶⁾	B ⁷⁾
mm ⁸⁾	952 ⁹⁾	415 ¹⁰⁾	1333 ¹¹⁾	1060 ¹²⁾	634 ¹³⁾	404 ¹⁴⁾
inch ¹⁵⁾	37.5 ¹⁶⁾	16.3 ¹⁷⁾	52.5 ¹⁸⁾	41.7 ¹⁹⁾	25.0 ²⁰⁾	15.9 ²¹⁾