



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

Approval: _____
Date: _____
Construction: _____
Unit #: _____
Drawing #: _____
Inquiry: sales@wellshvacsupply.com

Set Code 22022310003468
Indoor unit code 2202301100387422023011003875
Outdoor unit code 22022316001765

Set Model

Indoor unit model Ducted Indoor Units
Outdoor unit model WMMA-55HFMO

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) 55000(19400~57100)
Power Input (W) 5238(600~6050)
Current (A) 23.5(3.7~27.2)
SEER2 (Btu/W) 19.0
EER2 (Btu/W) 10.5

Heating

Capacity (Btu/h) 55000(15500~61600)
Power Input (W) 4884(940~5600)
Current (A) 21.5(4.9~26)
HSPF2-4 (Btu/W) 8.6
HSPF2-5 (Btu/W) 6.4
COP W/W 3.30
Heat at 17F(H32) (Btu/h) 35200
Heat at 5F(H42) (Btu/h) 33200
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 KTQ420D1UMU
Brand GMCC
Capacity (Btu/h) 46744
Input (W) 3700
Rated current (RLA) (A) 25.0
Refrigerant oil/oil charge (ml) VG74/1400

Outdoor fan motor

Model ZKFN-85-8-22-5
Qty 2
Input (W) 126.0
Output (W) 85.0
RLA (A) 2.5
Speed (r/min) 900/850/800/750

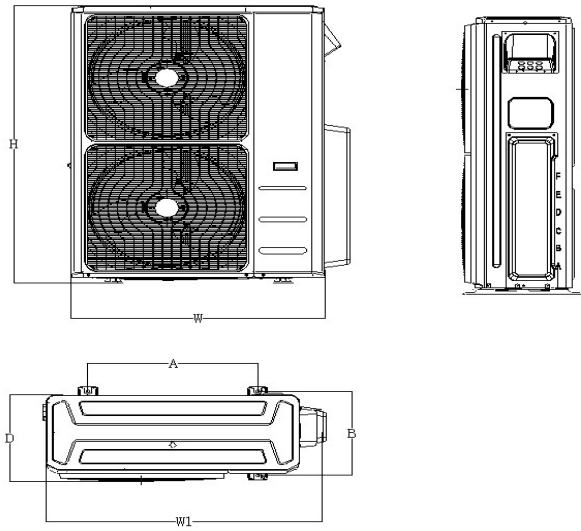
Air flow & Noise level

Outdoor air flow (Max.) (CFM) 4500.00
Outdoor noise level [dB(A)] 62.00

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.) 224.21/257.28
(kg) 101.7/116.7

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⁾