



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 22022310002984
Indoor unit code 2202301100387422023011003875
Outdoor unit code 22022316001165

Set Model

Indoor unit model Ducted Indoor Units
Outdoor unit model WMCA-48HFMO

Certified

AHRI



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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) 42.0
Max.fuse (A) 50.0
Connection wiring 14AWG*4 Stranded, unshielded

Cooling

Capacity (Btu/h) 47000(18500-51000)
Power Input (W) 4020(750-4820)
Current (A) 18.2(5.8-21.2)
SEER2 (Btu/W) 20.9
EER2 (Btu/W) 11.7

Heating

Capacity (Btu/h) 49000(12000-59000)
Power Input (W) 3900(710-5370)
Current (A) 17.2(5.7-23.8)
HSPF2-4 (Btu/W) 8.9
HSPF2-5 (Btu/W) 7.4
COP W/W 3.68
Heat at 17F(H32) (Btu/h) 36000
Heat at 5F(H42) (Btu/h) 42500
COP at 5F(H42) W/W 2.00

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) 3x9.52x2x12.7
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) -22 ~ 75
(Deg. °C) -30 ~ 24

OUTDOOR UNIT DATA

Compressor

Type ROTARY
Model EAPQ420D1UMUA
Brand GMCC
Capacity (Btu/h) 44015
Input (W) 3565
Rated current (RLA) (A) 30
Refrigerant oil/oil charge (ml) 1460±15ml/ESTER OIL VG74

Outdoor fan motor

Model ZKFN-85-8-22-5
Qty 2
Input (W) 126.00
Output (W) 85.00
RLA (A) 1.00
Speed (r/min) 900/850/800/750

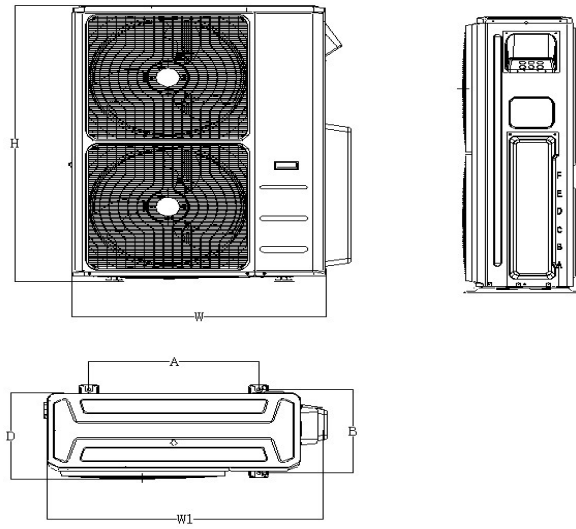
Air flow & Noise level

Outdoor air flow (Max.) (CFM) 4500.00
Outdoor noise level [dB(A)] 65.00

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.) 238.32/269.84
(kg) 108.1/122.4

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