



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 22022310003924
Indoor unit code 22023011003874
Outdoor unit code 22022316001945

Set Model

Indoor unit model Ducted Indoor Units

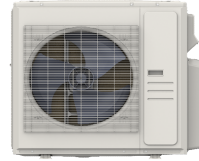
Outdoor unit model WMCA-36HFMO

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) 36
Max.fuse (A) 50
Connection wiring 14AWG*4 Stranded, unshielded

Cooling

Capacity (Btu/h) 36000(12000~40000)
Power Input (W) 3000(800~4440)
Current (A) 13.4(3.7~19.7)
SEER2 (Btu/W) 19.4
EER2 (Btu/W) 12.0

Heating

Capacity (Btu/h) 36000(12000~46000)
Power Input (W) 3070(850~4330)
Current (A) 13.6(3.7~19.1)
HSPF2-4 (Btu/W) 10.0
HSPF2-5 (Btu/W) 7.9
COP W/W 3.44
Heat at 17F(H32) (Btu/h) 30000
Heat at 5F(H42) (Btu/h) 36000
COP at 5F(H42) W/W 1.9

REFRIGERANT PIPE DATA

Design pressure (PSIG) 550/340
Refrigerant Type R410A
Refrigerant charge oz 148.0
Refrigerant precharge (ft) 25x4
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) 4x1/4"
(mm) 4x6.35
Gas side (inch) 2x3/8"~2x1/2"
(mm) 2x9.52~2x12.7
Max. length for all rooms (m) 80
Max. length for one indoor unit (ft) 114.83
(m) 35
Max. height difference between indoor and outdoor unit (ft) 49.21
(m) 15
Max. height difference between indoor units (ft) 33.0
(m) 10.0

Outdoor(cooling) (Deg. °F) (-30)~122
(Deg. °C) -30 ~ 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) 21.5
Refrigerant oil/oil charge (ml) 1460±15mlESTER OIL VG74

Outdoor fan motor

Model ZKFN-250-10-1
Qty 1
Input (W) /
Output (W) 250.00
RLA (A) 1.5
Speed (r/min) 750/700/650

Air flow & Noise level

Outdoor air flow (Max.) (CFM) 3035.29
Outdoor noise level [dB(A)] 65

Outdoor unit

Dimension (W×D×H) (inch) 38.58x16.34x38.39
(mm) 980x415x975
Packing (W×D×H) (inch) 45.08x19.69x42.52
(mm) 1145x500x1080
Net/ Gross weight (lbs.) 213.85/246.92
(kg) 97/112

Outdoor unit dimension

