



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 22022310003168
Indoor unit code 22023011003874
Outdoor unit code 22022316001305

Set Model
Indoor unit model Ducted Indoor Units
Outdoor unit model WMMA-36HFMO

Certified
AHRI
UL
LISTED



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) 25.0
Max.fuse (A) 40.0
Connection wiring 14AWG*4 Stranded, unshielded

Cooling
Capacity (Btu/h) 36000(8789~40288)
Power Input (W) 3273(354~4236)
Current (A) 14.8(5.31~18.68)
SEER2 (Btu/W) 20.0
EER2 (Btu/W) 11.0

Heating
Capacity (Btu/h) 37000(6900~46624)
Power Input (W) 2962(504~4307)
Current (A) 13.0(5.76~19.07)
HSPF2-4 (Btu/W) 9.2
HSPF2-5 (Btu/W) 7.0
COP W/W 3.66
Heat at 17F(H32) (Btu/h) 27400
Heat at 5F(H42) (Btu/h) 24000
COP at 5F(H42) W/W 1.68

REFRIGERANT PIPE DATA

Design pressure (PSIG) 550/340
Refrigerant Type R410A
Refrigerant charge oz 134.0
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) 3x3/8"-1x1/2"
(mm) 3x9.52+1x12.7
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 KTF310D43UMT
Brand GMCC
Capacity (Btu/h) 34154
Input (W) 2765
Rated current (RLA) (A) 18
Refrigerant oil/oil charge (ml) VG74/1000

Outdoor fan motor
Model ZKFN-120-8-2
Qty 1
Input (W) 150.0
Output (W) 120.0
RLA (A) 1.0
Speed (r/min) 1000/900/750

Air flow & Noise level
Outdoor air flow (Max.) (CFM) 2147.06
Outdoor noise level [dB(A)] 62.50

Outdoor unit
Dimension (W×D×H) (inch) 37.24x16.14x31.89
(mm) 946x410x810
Packing (W×D×H) (inch) 42.91x19.69x34.84
(mm) 1090x500x885
Net/ Gross weight (lbs.) 169.09/181.44
(kg) 76.7/82.3

Outdoor unit dimension

