



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 22022310003624
Indoor unit code 22023011003874
Outdoor unit code 22022316001865

Set Model

Indoor unit model Ducted Indoor Units

Outdoor unit model WMCA-27HFMO

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) 30.5
Max.fuse (A) 40.0
Connection wiring 14AWG*4 Stranded, unshielded

Cooling

Capacity (Btu/h) 27000(8000~32000)
Power Input (W) 2280(860~3640)
Current (A) 10.0(3.75~16)
SEER2 (Btu/W) 19.0
EER2 (Btu/W) 11.8

Heating

Capacity (Btu/h) 27000(12000~36000)
Power Input (W) 2190(1257~3550)
Current (A) 9.6(5.5~15.5)
HSPF2-4 (Btu/W) 10.0
HSPF2-5 (Btu/W) 8.1
COP W/W 3.61
Heat at 17F(H32) (Btu/h) 23000
Heat at 5F(H42) (Btu/h) 27000
COP at 5F(H42) W/W 1.80

REFRIGERANT PIPE DATA

Design pressure (PSIG) 550/340
Refrigerant Type R410A
Refrigerant charge oz 134.0
Refrigerant precharge (ft) 25x3
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) 3x1/4"
(mm) 3x6.35
Gas side (inch) 2x3/8"+1x1/2"
(mm) 2x9.52+1x12.7
Max. length for all rooms (m) 60.0
Max. length for one indoor unit (ft) 98.4
(m) 30.0
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 KTF400D64UMTA
Brand GMCC
Capacity (Btu/h) 44390
Input (W) 3520
Rated current (RLA) (A) 18.5
Refrigerant oil/oil charge (ml) VG74/1000

Outdoor fan motor

Model ZKFN-120-8-2
Qty 1
Input (W) 150.00
Output (W) 120.00
RLA (A) 1.10
Speed (r/min) 850/700/600

Air flow & Noise level

Outdoor air flow (Max.) (CFM) 2147.06
Outdoor noise level [dB(A)] 62.00

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.) 164.90/177.47
(kg) 74.8/80.5

Outdoor unit dimension

