AOUA192RLCVG
16 Ton Heat Pump Outdoor Unit - 460 VAC, 3-Phase, 60Hz
1X (AOUA72RLCV) + 1X (AOUA120RLCV)

CAPACITY

Nominal Cooling Capacity - BTU/h [kW] 192,000 [56.2]
Nominal Heating Capacity - BTU/h [kW] 216,000 [63.3]
Nominal Tonage - Ton(s) 16
Maximum Connectable Indoor Units 30
Connectable Capacity 50% to 150%

OPERATING TEMPERATURES

Operating Temp. Cooling (DB) - °F [°C] 23 to 115 [-5 to 46]
Operating Temp. Heating (DB) - °F [°C] -4 to 70 [-20 to 21]

EFFICIENCY

EER Cooling (Ducted/Non Ducted) 11.1 / 11.2
IEER Cooling (Ducted/Non Ducted) 20.5 / 24.3
COP / High Heating 47°F (Ducted/Non Ducted) 3.57 / 3.75

ELECTRICAL

Electrical Power Requirements 460 VAC, 3-Phase, 60Hz
Voltage Range 414 to 506 VAC
Maximum Circuit Breaker - A 1X (25) + 1X (30)
Minimum Circuit Ampacity (MCA) - A 1X(21) + 1X(25)
Heating Power Input - kW 16.04
Cooling Power Input - kW 15.65
Unit Group 1X (AOUA72RLCV) + 1X (AOUA120RLCV)

WIRING

Communication Cable LonWorks (Fujitsu Pink Cable. See AE Bulletin 009)

PIPING

Max. Total Refrigerant Line Length - ft [m] 3,280 [1,000]
Max. Starting Current (MSC) - A 1X(16.8) + 1X(20.5)
Pipe Connection Method: Liquid/Gas Brazed

SOUND

Sound Pressure Levels (Cooling/Heating) - dB(A) 62 / 63

WEIGHT

Net Weight - lbs [kg] 1X (584 [265]), 1X (635 [288])
Gross Weight - lbs [kg] 1X (628 [285]), 1X (684 [310])

DIMENSIONS

Dim.Net (HxWxD) - in [mm]
1X (66-9/16 x 36-5/8 x 30-1/8 [1690 x 930 x 765])
1X (66-9/16 × 48-13/16 ×30-1/8 [1690 × 1240 × 765])
1X (71-5/16 × 39-7/16 × 33-3/8 [1811 × 1002 × 847])
1X (71-5/16 × 51-5/8 × 33-3/8 [1811 × 1312 × 847])

CODE

ETL 3170288
AHRI Certified Standard 2100

Note: Specifications are based on the following conditions:
Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.
Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/44°F (6.1°C) WB.
Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit).

Fujitsu General America, Inc.
353 Route 46 West
Fairfield, NJ 07004
Toll Free: (888) 888-3424
Fax: (973) 836-0453
www.airstagevrf.com

6/12/2018
Rev. 4

- Inverter driven compressor
- New style high power DC fan motor.
- Blue fin heat-exchanger (Corrosion resistance)
- 10 year Extended Warranty on parts and compressor. See Warranty Statement.
- Optional: Internet, BACnet, LonWorks, or Modbus communication.
- Outdoor separation tube must be ordered separately (UTP-CX567A).
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