### CAPACITY
- Nominal Cooling Capacity - BTU/h [kW]: 96,000 [28.1]
- Nominal Heating Capacity - BTU/h [kW]: 108,000 [31.7]
- Nominal Tonage - Ton(s): 8
- Operating Temp. Cooling (DB) - °F [°C]: 14 to 115 [-10 to 46]
- Operating Temp. Heating (DB) - °F [°C]: -4 to 70 [21]
- Operating Temp. Cooling/Heating Simultaneous - °F [°C]: 14 to 70 [-10 to 21]
- Maximum Connectable Indoor Units: 16
- Connectable Capacity: 50% to 150%
- Cooling Power Input - kW: 7.56
- Heating Power Input - kW: 7.82
- Unit Group: 1X (AOUA96TLCV)

### EFFICIENCY
- EER Cooling (Ducted/Non Ducted): 11.30 / 11.70
- IEER Cooling (Ducted/Non Ducted): 20.20 / 23.60

### ELECTRICAL
- Electrical Power Requirements: 460 VAC, 3-Phase, 60Hz
- Voltage Range: 414 to 506 VAC
- Maximum Circuit Breaker - A: 25
- Minimum Circuit Ampacity (MCA) - A: 21
- Cooling Power Input - kW: 7.56
- Heating Power Input - kW: 7.82
- Maximum Starting Current (MSC) - A: 16.8
- Compressor - Rated Load Amperage (RLA) - A: 1.5

### COMPRESSOR
- Compressor Type: Rotary Inverter
- Refrigerant Type: R410A
- Refrigerant Charge - lbs [kg]: 26.01 [11.80]
- Compressor Crankcase Heater - W: 2X 35
- Refrigerant Oil / Lubricant: POE
- Compressor Capacity Control - Steps/Range: 951 / 20 - 115

### PIPING
- Max. Total Refrigerant Line Length - ft [m]: 3,280 [1,000]
- Max Height Diff. (OD & ID)(Upper/Lower) - ft [m]: 164/131 [50/40]
- Compressor - Rated Load Amperage (RLA) - A: 12.5
- Fan Motor - Full Load Amperage (FLA) - A: 1.5
- Pipe Connection Method: Liquid/Gas: Brazed
- Refrigerant Type: R410A
- Refrigerant Oil / Lubricant: POE
- Compressor Capacity Control - Steps/Range: 951 / 20 - 115

### WEIGHT
- Fan Type: Propeller fan
- Fan Airflow Rate - CFM [m³/h]: 6,533 [11,100]
- Fan Power Output - W: 750
- Fan Motor - Full Load Amperage (FLA) - A: 1.5
- External Static Pressure (Max) - in.WG [Pa]: 0.32 [80]

### HEAT EXCHANGER
- H. E. Pipe Type (Material): Grooved H-pin (Copper)
- H. E. Fin Tube (Material): Corrugate (Aluminum)
- H. E. Fin Surface Treatment: Corrosion resistance (Blue fin)
- H. E. Pitch - FPI [mm]: 18 [1.45]
- H. E. Rows x Stages: 3 x 60
- H. E. Face Area - ft² [m²]: 23 [2.2]
- H. E. Length - in [mm]: 69-5/16 [1760]

### WIRING
- Communication Cable: LonWorks (Fujitsu Pink Cable. See AE Bulletin 009)

### SOUND
- Sound Pressure Levels (Cooling/Heating) - dB(A): 59 / 59

### CODE
- ETL: 3170288
- AHRI Certified: Standard 1230

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/43°F (6.1°C) WB.
- Pipe lengths: 25 ft (7.6m), height difference: 0 ft (0m) (Outdoor unit – indoor unit).

- 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.