## SUBMITTAL

**Job Name**  
**Location**  
**Date**  
**Engineer**  
**Approval**  
**Submitted To**  
**Construction**  
**Submitted By**  
**Unit No**  
**Reference**  

### CAPACITY

| Nominal Cooling Capacity - BTU/h [kW] | 240,000 [70.3] |
| Nominal Heating Capacity - BTU/h [kW] | 270,000 [79.1] |
| Nominal Tonage - Ton(s) | 20 |
| Maximum Connectable Indoor Units | 37 |
| Connectable Capacity | 50% to 150% |
| Cooling Power Input - kW | 20.19 |
| Heating Power Input - kW | 21.7 |
| Unit Group | 2X (AOUA120TLBV) |

### EFFICIENCY

| Cooling Power Input  - kW | 20.19 |
| EER Cooling (Ducted/Non Ducted) | 10.90/10.90 |
| Heating Power Input  - kW | 21.7 |
| IEER Cooling (Ducted/Non Ducted) | 20.80/20.20 |

### ELECTRICAL

- **Electrical Power Requirements**: 208/230 VAC, 3-Phase, 60Hz  
  - Voltage Range: 187 to 253 VAC  
  - Maximum Circuit Breaker - A: 2X (60)  
  - Minimum Circuit Ampacity (MCA) - A: 2X (50)  
  - Cooling Power Input - kW: 20.19  
  - Heating Power Input - kW: 21.7  
  - Maximum Starting Current (MSC) - A: 2X (40)  
  - Compressor - Rated Load Amperage (RLA) - A: 2X (32)  
  - Fan Motor - Full Load Amperage (FLA) - A: 2X (1.7)  

### 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]  
- **Max. Refrig. Line Length 1st Sep. tube & furthest IU - ft [m]**: 196 [60]  
- **Pipe Connection Method: Liquid/Gas**: Brazed  
- **Pipe Connection: Suction Gas - in [mm]**: 1-3/8 [34.92]  

### SOUND

- **Sound Pressure Levels (Cooling/Heating) - dB(A)**: 64 / 65  
- **Compressor Capacity Control - Steps/Range**: 951 / 20 - 115 (per unit)  
- **Compressor Type**: 2X Rotary Inverter  
- **Refrigerant Charge - lbs [kg]**: 2X (26.01 [11.80])  
- **Fan Motor - Full Load Amperage (FLA) - A**: 2X (1.7)  
- **External Static Pressure (Max) - in.WG [Pa]**: 0.32 [80]  

### DIMENSIONS

- **Dim.Net (HxWxD) - in [mm]**: 2X (66-9/16 × 48-13/16 ×30-1/8 [1690 × 1240 × 765])  
- **Dim.Gross (HxWxD) - in [mm]**: 2X (71-5/16 × 51-5/8 × 33-3/8 [1811 × 1312 × 847])  

### CODE

- **ETL**: 3170288  
- **AHRI Certified**: Standard 1230

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**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 length: 250 ft. (75m), 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.  
- Outdoor separation tube must be ordered separately (UTP-DX567A).