SUBMITTAL AAUA48TLAV

Dedicated Outside Air System (DOAS) (48,000 BTU) Indoor Unit
For Heat-recovery Airstage VRF System

FEATURES
- Quiet and powerful fan design
- Compact design to fit in a small space
- Very low power usage
- Fan speed can be adjusted using dip switch settings.*
- Auxiliary heat operation capability
- 10 year Extended Warranty on parts and compressor. See Warranty Statement.

STATIC PRESSURE
| Static Pressure Range - in.WG [Pa] | 0.20 to 0.74 [50 to 185] |
| Standard Static Pressure - in.WG [Pa] | 0.74 [185] |

PIPING ACCESSORIES
- **UTP-AX090A**
  - Separation Tube - 2-Pipe - 90 MBH or Less
- **UTP-AX180A**
  - Separation Tube - 2-Pipe - 91 to 180 MBH
- **UTP-AX567A**
  - Separation Tube - 2-Pipe - 180 MBH or More

CAPACITY
- **Capacity - Cooling - Btu/h [kW]**
  - 48,000 [14.0]
- **Capacity - Heating - Btu/h [kW]**
  - 30,000 [8.9]

ELECTRICAL
- **Power Source**
  - 208 / 230V, 1-Phase, 60Hz
- **Available Voltage Range - VAC**
  - 187 to 253
- **Input Power - W**
  - 179
- **Max Circuit Breaker - A**
  - 15
- **Minimum Circuit Ampacity - MCA - A**
  - 1.68

FAN
- **Fan Type**
  - Sirocco
- **Airflow Rate - High - CFM [m³/h]**
  - 636 [1080]
- **Airflow Rate - Medium - CFM [m³/h]**
  - 477 [810]*
- **Airflow Rate - Low - CFM [m³/h]**
  - 318 [540]*

SOUND PRESSURE
- **Sound Pressure Level - dB(A)**
  - 42

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

PIPING
- **Connection Pipe Diameter - Liquid (Flare) - in [mm]**
  - ø 3/8 [9.52]
- **Connection Pipe Diameter - Gas (Flare) - in [mm]**
  - ø 3/4 [19.05]
- **Connection Pipe Diameter - Drain (ID, OD) - in [mm]**
  - ø 3/4 [19.05]
- **Drain-Pump**
  - Optional

WEIGHT AND DIMENSIONS
- **Enclosure - Net Weight - lbs [kg]**
  - 108 [49]
- **Enclosure - Gross Weight - lbs [kg]**
  - 121 [55]
- **Dimensions - Net (H x W x D) - in [mm]**
  - 6-3/4 x 53-13/16 x 22-1/2
  - [125 x 137 x 57]
- **Dimensions - Gross (H x W x D) - in [mm]**
  - 19-1/2 x 59-1/2 x 26-1/4
  - [496 x 1511 x 666]

ETL
- **E.T.L.**
  - 91987

TEMPERATURE SETTINGS
- **Operating Temp. Cooling (DB) - °F [°C]**
  - 64 to 109 [18 to 43]
- **Operating Temp. Heating (DB) - °F [°C]**
  - 19 to 70 [-7 to 21]

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: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit).

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DIMENSIONS
Unit: In. (mm)

Rear view

Side view (L)

Top view

Front view

Main drain port
Safety drain port

(Drain hose)