**SUBMITTAL AOUA288TLBVG**

24 Ton Heat Recovery Outdoor Unit - 208/230 VAC, 3-Phase, 60Hz
3X (AOUA96TLBV)

**CAPACITY**
- Nominal Cooling Capacity - BTU/h [kW]: 288,000 [84.4]
- Nominal Heating Capacity - BTU/h [kW]: 324,000 [95]
- Nominal Tonage - Ton(s): 24
- Operating Temp. Cooling (DB) - °F [°C]: 14 to 115 [-10 to 46]
- Operating Temp. Heating (DB) - °F [°C]: -4 to 70 [-20 to 21]
- Operating Temp. Cooling/Heating Simultaneous - °F [°C]: 14 to 70 [-10 to 21]
- Maximum Connectable Indoor Units: 45
- Connectable Capacity: 50% to 150%

**EFFICIENCY**
- Cooling Power Input   -  kW: 25
- EER Cooling (Ducted/Non Ducted): 10.60/10.60
- Heating Power Input  -  kW: 26.07
- IEER Cooling (Ducted/Non Ducted): 20.80/20.10

**ELECTRICAL**
- Electrical Power Requirements: 208/230 VAC, 3-Phase, 60Hz
- Voltage Range: 187 to 253 VAC
- Maximum Circuit Breaker - A: 3X (50)
- Minimum Circuit Amperage (MCA) - A: 3X (41)
- Cooling Power Input - kW: 25
- Heating Power Input - kW: 26.07
- Compressor Capacity Control - Steps/Range: 951 / 20 - 115 (per unit)

**COMPRESSOR**
- Compressor Type: 3X Rotary Inverter
- Refrigerant Type: R410A
- Refrigerant Charge - lbs [kg]: 3X (26.01 [11.80])
- Compressor Crankcase Heater - W: 3X (235)
- Refrigerant Oil / Lubricant: POE
- Compressor Capacity Control - Steps/Range: 10 to 30

**FAN**
- Fan Type: 3X Propeller fan
- Fan Airflow Rate - CFM [m3/h]: 3X (6,533 [11,100])
- Fan Power Output - W: 3X (740)
- Fan Motor - Full Load Amperage (FLA) - A: 3X (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. Fin Pitch - FPI [mm]: 18 [1.45]
- H. E. Rows x Stages: 3X (3 x 60)
- H. E. Face Area - ft² [m²]: 3X (23.22)
- H. E. Length - in [mm]: 3X (69-5/16 [1760])

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

**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: 3X (25)
- Fan Motor - Full Load Amperage (FLA) - A: 3X (1.5)
- Pipe Connection Method: Liquid/Gas: Brazed

**SOUND**
- Sound Pressure Levels (Cooling/Heating) - dB(A): 64 / 64

**WEIGHT**
- Net Weight      - lbs [kg]: 3X (597 [271])
- Gross Weight - lbs [kg]: 3X (642 [291])

**DIMENSIONS**
- Dim.Net (HxWxD) - in [mm]: 3X (66-9/16 x 36-5/8 x 30-1/8 [1690 x 930 x 765])
- Dim.Gross (HxWxD) - in [mm]: 3X (71-5/16 x 39-7/8 x 33-3/8 [1811 x 1002 x 847])

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

---

**Operating Temperatures**
- Operating Temp. Cooling (DB) - °F [°C]: 14 to 115 [-10 to 46]
- Operating Temp. Heating (DB) - °F [°C]: -4 to 70 [-20 to 21]
- Operating Temp. Cooling/Heating Simultaneous - °F [°C]: 14 to 70 [-10 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).

---

**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).

---

6/27/2018 Rev. 1

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

Unit: In. (mm)

- 60-9/16 (1590)
- 36-5/8 (930)
- 36-5/8 (930)
- 36-5/8 (930)

Detail A: Front view

- 8-1/2 x 11/16 (12 x 17) (Hole)

Detail B: Left view

- 5/32 (1.6)
- 3/16 (4.8)

Detail C: Top view

- 6 (15)
- 3-1/8 (80)
- 3-1/8 (80)
- 3-1/8 (80)

Top view

Outdoor unit 1
Outdoor unit 2
Outdoor unit 3

Front view