### SUBMITTAL
#### AOUA168TLCVG

<table>
<thead>
<tr>
<th>14 Ton Heat Recovery Outdoor Unit - 460 VAC, 3-Phase, 60Hz</th>
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<td>1X (AOUA72TLCV) + 1X (AOUA96TLCV)</td>
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#### CAPACITY

- **Nominal Cooling Capacity**: 168,000 [49.2] BTU/h
- **Nominal Heating Capacity**: 188,000 [55.1] BTU/h
- **Nominal Tonage**: 14 Ton(s)
- **Operating Temp. Cooling (DB)**: 14 to 115 [−10 to 46] °F
- **Operating Temp. Heating (DB)**: −4 to 70 [−20 to 21] °F
- **Maximum Connectable Indoor Units**: 26

#### ELECTRICAL

- **Voltage Range**: 414 to 506 VAC
- **Electrical Power Requirements**: 460 VAC, 3-Phase, 60Hz
- **Net Weight**: 2X (609 [276] lbs)
- **Gross Weight**: 2X (653 [296] lbs)

#### COMPRESSOR

- **Compressor Type**: 2X Rotary Inverter
- **Refrigerant Type**: R410A
- **Fan Motor - Full Load Amperage (FLA)**: 1X (1.5 A)

#### FAN

- **Fan Type**: 2X Propeller Fan
- **Fan Airflow Rate**: 2X (6,533 [11,100] CFM)
- **Fan Power Output**: 2X (750 W)

#### HEAT EXCHANGER

- **H. E. Face Area**: 2X (65-9/16 x 36-5/8 x 30-1/8 [1690 x 930 x 765] in.[mm])
- **H. E. Length - in [mm]**: 2X (69-5/16 [1760] mm)

#### OPERATING TEMPERATURES

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

#### EFFICIENCY

- **EER Cooling (Ducted/Non Ducted)**: 11 / 11
- **IEER Cooling (Ducted/Non Ducted)**: 20 / 22.2
- **COP / High Heating**: 3.48 / 3.48

#### PIPING

- **Max. Total Refrigerant Line Length**: 3,280 [1,000] ft
- **Max. Refrig. Line Length 1st Sep. tube & furthest IU**: 196 [60] ft

#### CODING

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

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- 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).

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

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6/28/2018 Rev. s

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