6 Ton Heat Pump Outdoor Unit - 208/230 VAC, 3-Phase, 60Hz
1X (AOUA72RLBV1)

**CAPACITY**
- Nominal Cooling Capacity - BTU/h [kW]: 72,000 [21.1]
- Nominal Heating Capacity - BTU/h [kW]: 81,000 [23.7]
- Nominal Tonage - Ton(s): 6
- Maximum Connectable Indoor Units: 14

**OPERATING TEMPERATURES**
- Operating Temp. Cooling (DB) - °F [°C]: 5 to 115 [-15 to 46]
- Operating Temp. Heating (DB) - °F [°C]: -4 to 70 [-20 to 21]

**EFFICIENCY**
- EER Cooling (Ducted/Non Ducted): 12.3 / 12.5
- IEER Cooling (Ducted/Non Ducted): 20.0 / 24.10
- COP / High Heating 47°F (Ducted/Non Ducted): 3.64 / 4.06

**ELECTRICAL**
- Electrical Power Requirements: 208/230 VAC, 3-Phase, 60Hz
- Voltage Range: 187 to 253 VAC
- Maximum Circuit Breaker - A: 50
- Minimum Circuit Ampacity (MCA) - A: 41

**PIPING**
- Max. Total Refrigerant Line Length - ft [m]: 3,280 [1,000]
- Maximum Starting Current (MSC) - A: 33.2

**WEIGHT**
- Net Weight - lbs [kg]: 664 [256]
- Gross Weight - lbs [kg]: 611 [277]

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

**COMPRESSOR**
- Compressor Type: Rotary Inverter
- Refrigerant Type: R410A
- Refrigerant Charge - lbs [kg]: 25.79 [11.70]
- Compressor Crankcase Heater - W: 2X 35
- Refrigerant Oil / Lubricant: VG74 (Ester oil)
- Compressor Capacity Control - Steps/Range: 951 / 20 - 115

**HEAT EXCHANGER**
- H. E. Face Area - ft² [m²]: 23 [2.2]
- H. E. Length - in [mm]: 69-5/16 [1760]

**FAN**
- Fan Type: Propeller fan
- Fan Airflow Rate - CFM [m³/h]: 6,533 [11,100]
- Fan Power Output - W: 740
- Fan Motor - Full Load Amperage (FLA) - A: 3
- External Static Pressure (Max) - in.WG [Pa]: 0.32 [80]

**SOUND**
- Sound Pressure Levels (Cooling/Heating) - dB(A): 57 / 58

**WEIGHT**
- Net Weight - lbs [kg]: 664 [256]
- Gross Weight - lbs [kg]: 611 [277]

**DIMENSIONS**
- Dim.Net (HxWxD) - in [mm]: 66-9/16 x 36-5/8 x 30-1/8 [1690 x 930 x 765]
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**CODE**
- ETL: 3170288
- AHRI 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) UB/62°F (16.7°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: DB. (101) (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.
DIMENSIONS

Unit: In. (mm)

Detail A - Front view

Detail B - Left view

Top view

Left view

A, C - Front view

Right view

Detail C - Top view

Rear view

AOUA72RLBV1

5/31/2018

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