

Date: _____ For: File Resubmit
 PO No.: _____ Approval Other _____
 Architect: _____ GC: _____
 Engr: _____ Mech: _____
 Rep: _____
 (Company) (Project Manager)



ARUB240DT3 (a) ARUB144DT3
 Multi V™ III Heat Recovery (b) ARUB096DT3
 20.0 Ton Outdoor Unit



Performance:

Cooling Mode:

| | |
|-------------------------------|---------|
| Nominal Capacity (Btu/h) | 240,000 |
| Power Input ¹ (kW) | 16.99 |

Heating Mode:

| | |
|-------------------------------|---------|
| Nominal Capacity (Btu/h) | 270,000 |
| Power Input ¹ (kW) | 17.3 |

Nominal Capacity is outside the scope of AHRI Standard 1230 and based on the following conditions:

Indoor: 80°F DB / 67°F WB Indoor: 70°F DB
 Outdoor: 95°F DB Outdoor: 47°F DB / 43°F WB

Electrical:

| | (a) ARUB144DT3 | (b) ARUB096DT3 |
|-----------------------------------|----------------|----------------|
| Power Supply (V/Hz/Ø) | 460/60/3 | 460/60/3 |
| MOP (A) | 40 | 30 |
| MCA (A) | 27.6 | 24.1 |
| Rated Amps (A) | 24.5 | 21.7 |
| Compressor A (A) | 12.4 | 9.6 |
| Compressor B (A) | 9.5 | 9.5 |
| Fan (A) | 2.6 | 2.6 |
| Combined Max Starting Current (A) | 72.5 | |

Piping:

| | (a) ARUB144DT3 | (b) ARUB096DT3 |
|---------------------------------------|----------------|----------------|
| Refrigerant Charge (lbs) | 20.7 | 20.7 |
| Liquid Line ² (in, OD) | 1/2 | 3/8 |
| Vapor Line High ² (in, OD) | 7/8 | 3/4 |
| Vapor Line Low ² (in, OD) | 1-1/8 | 7/8 |

Standard Features:

- Night Quiet Operation
- Fault Detection and Diagnosis

Required Accessories:

- Frame Connector Y-branch - ARCNN21

Optional Accessories:

- Low Ambient Kit (8-12 ton outdoor units) - ZLABKA02A (2 required)
- Hail Guard Kit (8-12 ton outdoor units) -ZHGDKA02A (2 required)
- Air Guide (8-12 ton outdoor units) - PRAGX3S0 (4 required)

Operating Range:

| | |
|-----------------------|----------|
| Cooling (°F DB) | 23 - 122 |
| Heating (°F WB) | -4 - 60 |
| Synchronous | |
| Cooling Based (°F DB) | 14 - 81 |
| Heating Based (°F WB) | 14 - 60 |

Unit Data:

| | |
|---|-----------|
| Refrigerant Type | R410A |
| Refrigerant Control | EEV |
| Max Number of Indoor Units ³ | 39 |
| Sound Pressure ⁴ dB(A) | 61 |
| Net Unit Weight (a) + (b) (lbs) | 617 + 617 |
| Shipping Weight (a) + (b) (lbs) | 650 + 650 |
| Communication Cable ⁵ (No x AWG) | 2 x 18 |
| Heat Exchanger Coating | GoldFin™ |

Compressor:

| | |
|--------------------------|------------|
| Inverter Scroll Quantity | 2 |
| Constant Scroll Quantity | 2 |
| Oil/Type | PVE/FVC68D |

Fan:

| | |
|-------------------------|---------------------------------------|
| Type | Propeller |
| Fan Quantity | 2 + 2 |
| Motor/Drive | Brushless Digitally Controlled/Direct |
| Fan Air Flow Rate (CFM) | 16,200 |

Notes:

- 1.For AHRI ratings, refer to the AHRI website <http://www.ahridirectory.org/>.
- 2.For main pipe segment size, refer to the LATS Multi V tree diagram.
- 3.The combination ratio must be between 50-130%.
- 4.Sound Pressure levels are tested in an anechoic chamber under ISO Standard 1996 for the combination of outdoor units.
- 5.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code. Cables terminate at each frame.
- 6.Nominal data is rated 0 ft above sea level, with 25 ft of refrigerant line per indoor unit and a 0 ft level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95-105%.
- 7.The voltage tolerance is ± 10%.
- 8.Power wiring cable size must comply with the applicable local and national code. Cables terminate at each frame.



Job Name/Location:

ARUB240DT3
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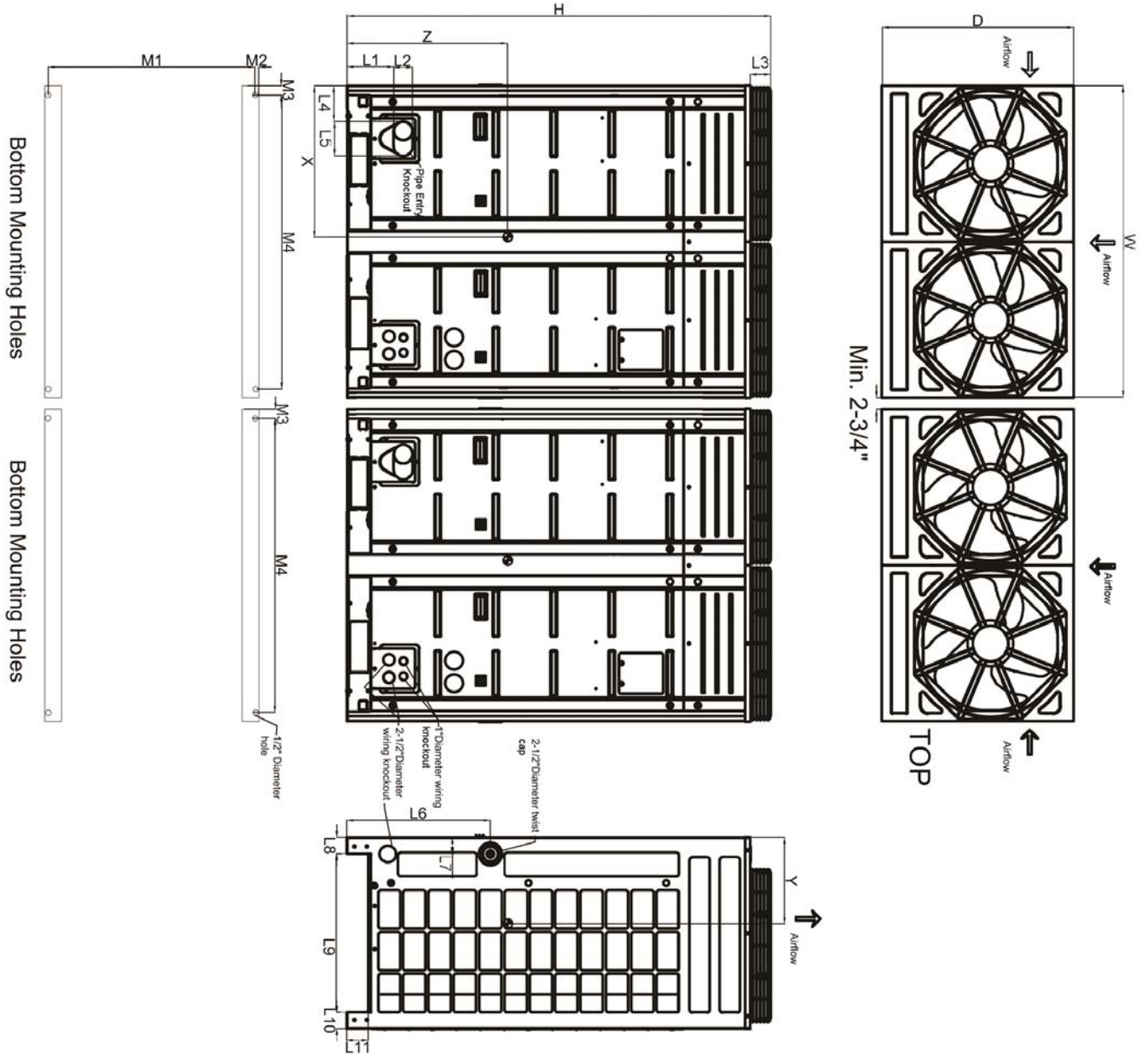
(a) ARUB144DT3
 (b) ARUB096DT3



Tag #:

Date:

PO No.:



Min. 2-3/4"

Bottom Mounting Holes

Bottom Mounting Holes

| | |
|-----|-----------|
| W | 48-13/16" |
| D | 29-15/16" |
| H | 66-1/8" |
| L1 | 7-1/4" |
| L2 | 2-15/16" |
| L3 | 3-1/8" |
| L4 | 5-1/2" |
| L5 | 5-3/8" |
| L6 | 22-7/16" |
| L7 | 2-9/16" |
| L8 | 2-9/16" |
| L9 | 24-3/16" |
| L10 | 2-9/16" |
| L11 | 3-5/16" |
| M1 | 29-1/16" |
| M2 | 7/16" |
| M3 | 2-5/8" |
| M4 | 43-3/8" |

Center of Gravity

| | |
|---|-----------|
| X | 23-1/8" |
| Y | 14-15/16" |
| Z | 25-13/16" |

Note - All dimensions have a tolerance of ± 0.25 in.



= Center of Gravity