

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



**ARUB121BTE4**  
 Multi V™ IV Heat Recovery  
 10.0 Ton Outdoor Unit

**Performance:**

**Cooling Mode:**

|                               |         |
|-------------------------------|---------|
| Nominal Capacity (Btu/h)      | 120,000 |
| Power Input <sup>1</sup> (kW) | 8.22    |

**Heating Mode:**

|                               |         |
|-------------------------------|---------|
| Nominal Capacity (Btu/h)      | 135,000 |
| Power Input <sup>1</sup> (kW) | 9.21    |

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:**

|                       |              |
|-----------------------|--------------|
| Power Supply (V/Hz/Ø) | 208-230/60/3 |
| MOP (A)               | 60           |
| MCA (A)               | 40.3         |
| Rated Amps (A)        | 33.4         |
| Compressor A (A)      | 27.4         |
| Compressor B (A)      | -            |
| Fan (A)               | 6.0          |

**Piping:**

|                          |       |
|--------------------------|-------|
| Refrigerant Charge (lbs) | 23.6  |
| Liquid Line (in, OD)     | 1/2   |
| Vapor Line High (in, OD) | 3/4   |
| Vapor Line Low (in, OD)  | 1-1/8 |

**Standard Features:**

- HiPORA (high pressure oil return)
- Smart Oil Control
- Split Coil Defrost
- Night Quiet Operation
- Fault Detection and Diagnosis

**Optional Accessories:**

- Air Guide (8-12 ton outdoor units) - PRAGX3S0 (2 required)
- Hail Guard Kit - ZHGDKA04A
- Low Ambient Baffle Kit - ZLABKA03A, Control Kit - PRVC2 (1 per system)

**\*\*(-9.9°F achieved only when all IDU's are operating in cooling mode. Does not impact synchronous operating range.)**

**Operating Range:**

|                       |          |
|-----------------------|----------|
| Cooling (°F DB)**     | 14-122   |
| Heating (°F WB)       | -13 - 61 |
| Synchronous           |          |
| Cooling Based (°F DB) | 14 – 81  |
| Heating Based (°F WB) | 14 – 61  |

**Unit Data:**

|  |          |
|--|----------|
| Refrigerant Type                             | R410A    |
| Refrigerant Control                          | EEV      |
| Max Number of Indoor Units <sup>2</sup>      | 20       |
| Sound Pressure <sup>3</sup> dB(A)            | 59.0     |
| Net Unit Weight (lbs)                        | 540      |
| Shipping Weight (lbs)                        | 573      |
| Communication Cable <sup>4</sup> (No. x AWG) | 2 x 18   |
| Heat Exchanger Coating                       | GoldFin™ |

**Compressor:**

|                     |               |
|---------------------|---------------|
| Compressor Type     | HSS DC Scroll |
| Compressor Quantity | 1             |
| Oil/Type            | PVE/FVC68D    |

**Fan:**

|                     |                                       |
|---------------------|---------------------------------------|
| Type                | Propeller                             |
| Quantity            | 2                                     |
| Motor/Drive         | Brushless Digitally Controlled/Direct |
| Air Flow Rate (CFM) | 10,200                                |

**Notes:**

- 1.For AHRI ratings, refer to the AHRI website <http://www.ahridirectory.org>.
- 2.The combination ratio must be between 50 – 130%.
- 3.Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
- 4.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- 5.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%.
- 6.Power wiring cable size must comply with the applicable local and national code.
- 7.The voltage tolerance is ± 10%



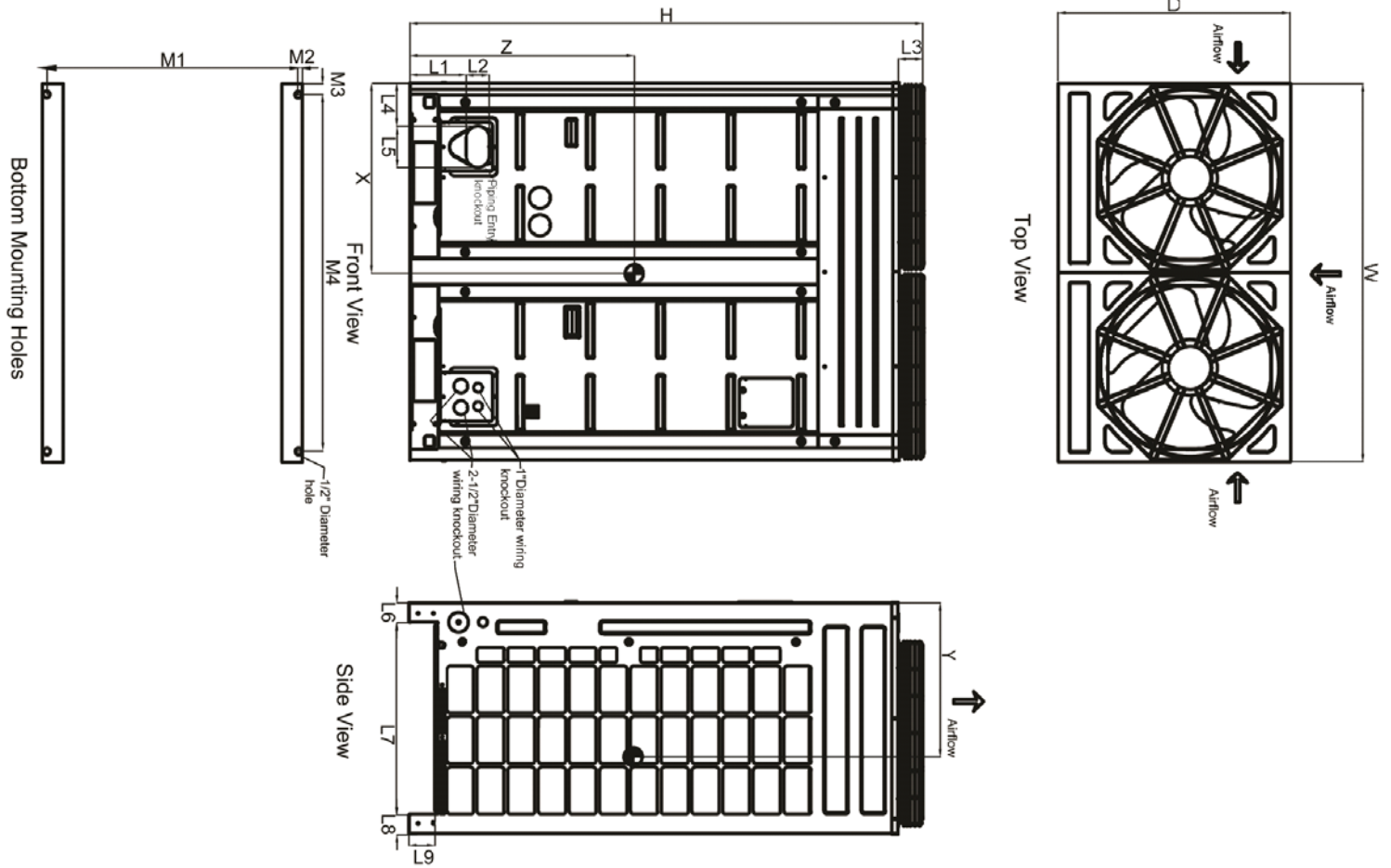
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Tag #:

Date:

PO No.:



|    |           |
|----|-----------|
| 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 | 2-9/16"   |
| L7 | 24-3/16"  |
| L8 | 2-9/16"   |
| L9 | 3-5/16"   |
| M1 | 29-1/16"  |
| M2 | 7/16"     |
| M3 | 2-5/8"    |
| M4 | 43-3/8"   |

**Center of Gravity**

|   |         |
|---|---------|
| X | 17-5/8" |
| Y | 13-1/2" |
| Z | 29-5/8" |

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



= Center of Gravity