

Job Name/Location:

Tag #:

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



ARUB076BT2
 Multi V™ Sync II
 6.5 Ton Outdoor Unit

Performance:

Cooling Mode:

| | |
|------------------|--------|
| Capacity (Btu/h) | 76,400 |
| Capacity (tons) | 6.5 |
| Power Input (kW) | 6.2 |

Heating Mode:

| | |
|------------------|--------|
| Capacity (Btu/h) | 86,000 |
| Power Input (kW) | 7.0 |

Cooling Nominal Test Conditions:
 Indoor: 80°F DB /67°F WB
 Outdoor: 95° DB

Heating Nominal Test Conditions:
 Indoor: 70°F DB
 Outdoor: 47°F DB /43°F WB

Electrical:

| | |
|--------------------------|--------------|
| Power Supply (V/Hz/Ph) | 208-230/60/3 |
| MOP (A) | 55 |
| MCA (A) | 38 |
| Rated Amps (A) | 33.1 |
| Compressor A (A) | 12.0 |
| Compressor B (A) | 18.7 |
| Fan Motor (A) | 2.4 |
| Max Starting Current (A) | 126.6 |

Piping:

| | |
|--------------------------|-----------|
| Refrigerant Charge (lbs) | 17.6 |
| Liquid Line (in, OD) | 3/8 Flare |
| Vapor Line High (in, OD) | 5/8 Braze |
| Vapor Line Low (in, OD) | 3/4 Braze |

Standard Features:

- Limited Warranty with LG Certified Installation
 - Two Year Functional Parts Warranty
 - Additional Four Year Compressor Warranty
- Black Box Function
- Night Quiet Operation
- Fault Detection and Diagnosis

Operating Range:

| | |
|-------------------------------------|----------|
| Cooling (°F DB) | 23 - 110 |
| Heating (°F WB) | -4 - 60 |
| Synchronous Operating Range (°F DB) | 14 -81 |

Unit Data:

| | |
|--------------------------------------|----------|
| Refrigerant Type | R410A |
| Refrigerant Control | EEV |
| Max Num of Indoor Units ¹ | 13 |
| Sound Pressure ² dB(A) | 58 |
| Net Unit Weight (lbs) | 628 |
| Shipping Weight (lbs) | 664 |
| Communication Cable (No. x AWG) | |
| Outdoor to Indoor ³ | 2 x 18 |
| Outdoor to Outdoor ⁴ | 2 x 18 |
| Heat Exchanger Coating | GoldFin™ |

Compressor:

| | |
|--------------------------|------------|
| Inverter Scroll Quantity | 1 |
| Constant Scroll Quantity | 1 |
| Oil / Type | PVE/FVC68D |

Fan:

| | |
|-------------------------|---------------------------------------|
| Type | Propeller |
| Fan Quantity | 2 |
| Motor/Drive | Brushless Digitally Controlled/Direct |
| Fan Air Flow Rate (CFM) | 6,700 |

Notes:

- 1.The combination ratio must be between 50 – 130%.
- 2.Sound pressure levels are tested in an anechoic chamber under Korea Standard KSA0701.
- 3.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- 4.All communication cable to be minimum 18 AWG, 2-conductor, stranded and must comply with applicable local and national code.
- 5.The data mentioned in the above tables is applied with non-ducted indoor units.
- 6.This 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.



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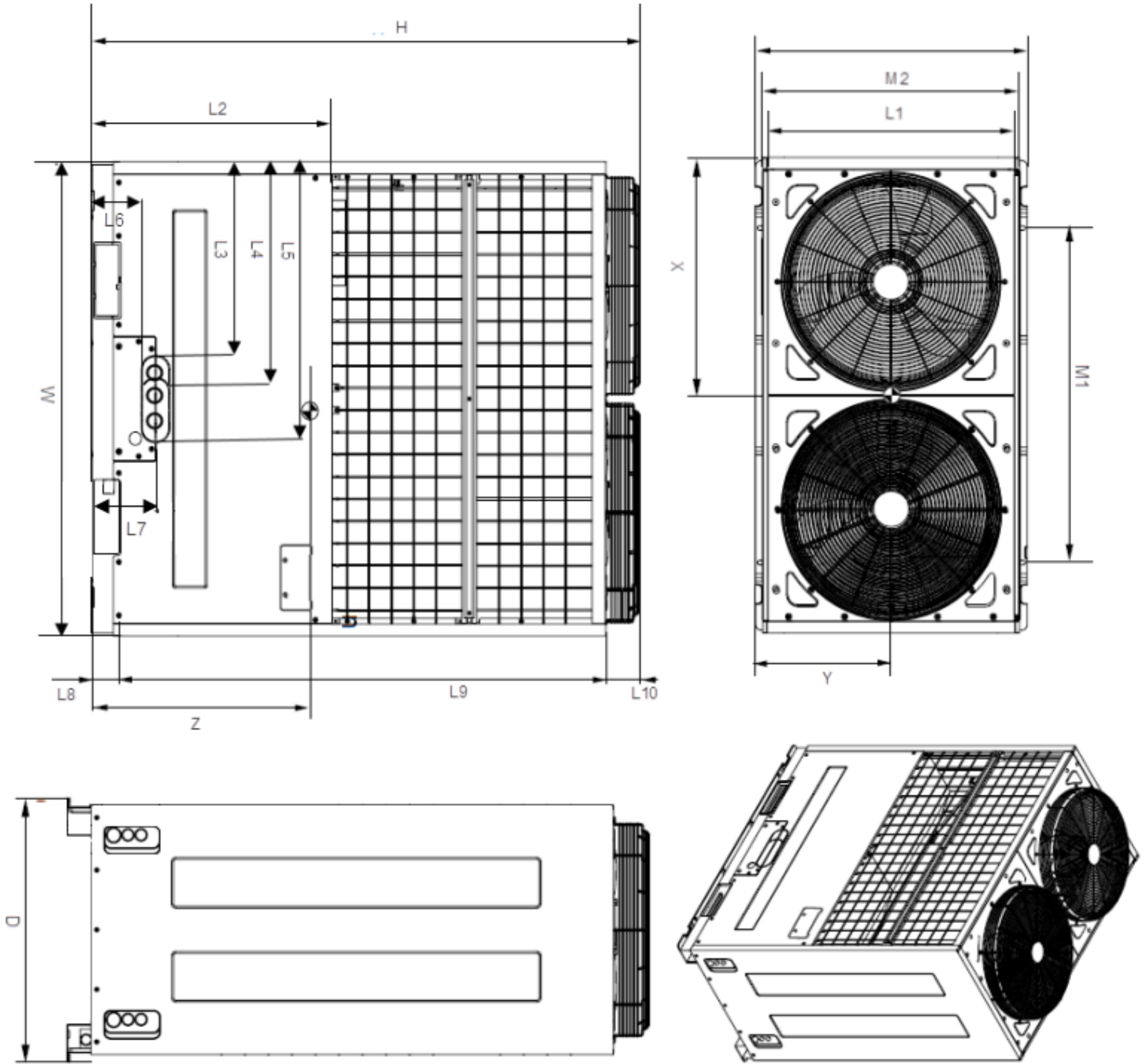
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| | |
|-----|----------|
| W | 50-3/8 |
| H | 63-5/16 |
| D | 28-11/16 |
| L1 | 27-3/8 |
| L2 | 27-11/16 |
| L3 | 20-5/8 |
| L4 | 23 |
| L5 | 29-7/8 |
| L6 | 7-3/8 |
| L7 | 5-7/8 |
| L8 | 3-3/16 |
| L9 | 5-6-1/8 |
| L10 | 3-7/8 |
| M1 | 35-7/16 |
| M2 | 27-9/16 |

Center of Gravity

ARUB076BT2

| | |
|---|---------|
| X | 21-3/4 |
| Y | 12 |
| Z | 21-5/16 |

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