

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



**ARUN096DT2**  
 Multi V™ Plus II  
 8.0 Ton Outdoor Unit

**Performance:**

**Cooling Mode:**

Capacity (Btu/h)	95,900
Capacity (tons)	8.0
Power Input (kW)	7.1

**Heating Mode:**

Capacity (Btu/h)	107,500
Power Input (kW)	7.3

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)	460/60/3
MOP (A)	35
MCA (A)	27
Rated Amps (A)	23.8
Compressor A (A)	11.0
Compressor B (A)	10.4
Fan Motor (A)	2.4
Max Starting Current (A)	75.8

**Piping:**

Refrigerant Charge (lbs)	17.6
Liquid Line (in, OD)	3/8 Flare
Vapor Line (in, OD)	7/8 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

**Unit Data:**

Refrigerant Type	R410A
Refrigerant Control	EEV
Max Num of Indoor Units <sup>1</sup>	16
Sound Pressure <sup>2</sup> dB(A)	58
Net Unit Weight (lbs)	628
Shipping Weight (lbs)	664
Communication Cable (No. x AWG)	
Outdoor to Indoor <sup>3</sup>	2 x 18
Outdoor to Outdoor <sup>4</sup>	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.



Job Name/Location:

# ARUN096DT2

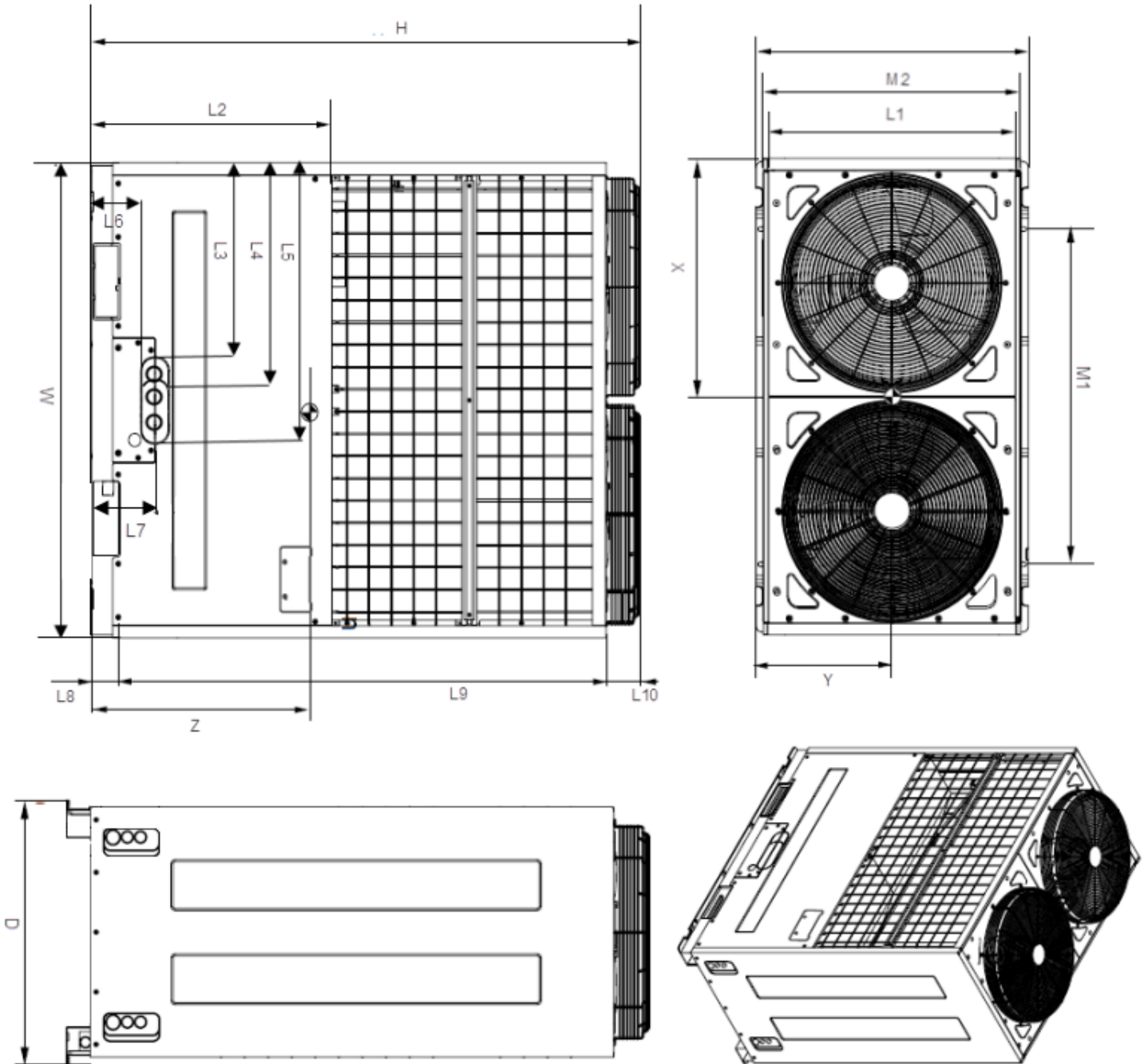
Multi V™ Plus II  
8.0 Ton Outdoor Unit



Tag #: \_\_\_\_\_

Date: \_\_\_\_\_

PO No.: \_\_\_\_\_



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	56-1/8
L10	3-7/8
M1	35-7/16
M2	27-9/16

### Center of Gravity

ARUN096DT2

X 21-3/4

Y 12

Z 21-5/16

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