

Job Name/Location:

Tag #:

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



**ARUB154DT2**  
 Multi V™ Sync II  
 12.5 Ton Outdoor Unit

**Performance:**

**Cooling Mode:**

Capacity (Btu/h)	152,900
Capacity (tons)	12.5
Power Input (kW)	14.0

**Heating Mode:**

Capacity (Btu/h)	172,000
Power Input (kW)	12.4

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)	45
MCA (A)	33
Rated Amps (A)	31.9
Compressor A (A)	18.0
Compressor B (A)	11.5
Fan Motor (A)	2.4
Max Starting Current (A)	84.4

**Piping:**

Refrigerant Charge (lbs)	17.6
Liquid Line (in, OD)	1/2 Flare
Vapor Line High (in, OD)	7/8 Braze
Vapor Line Low (in, OD)	1-1/8 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
Synchronous Operating Range (°F DB)	14 -81

**Unit Data:**

Refrigerant Type	R410A
Refrigerant Control	EEV
Max Num of Indoor Units <sup>1</sup>	26
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.



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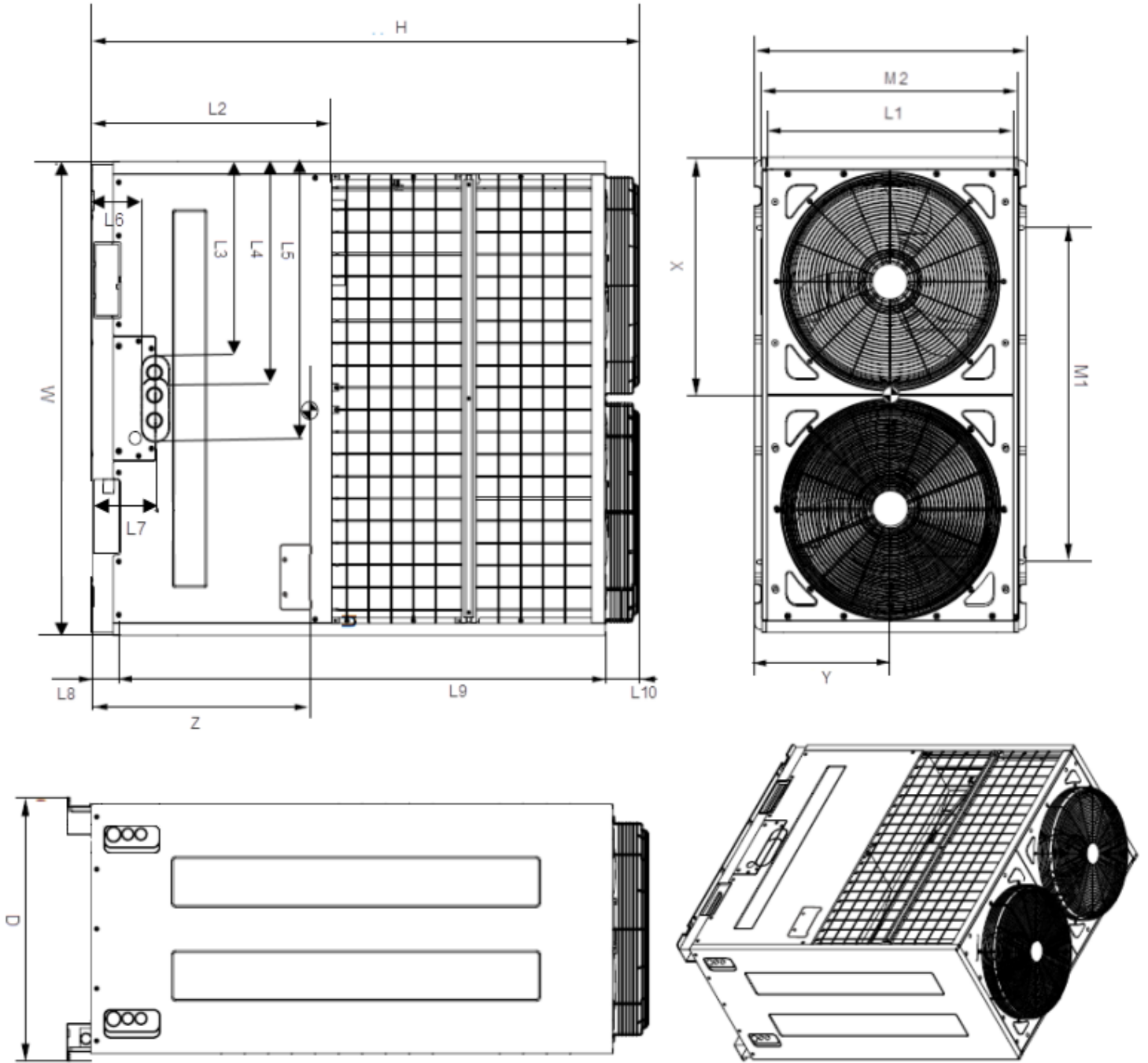
**ARUB154DT2**  
 Multi V™ Sync II  
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PO No.: \_\_\_\_\_



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	5-6-1/8
L10	3-7/8
M1	35-7/16
M2	27-9/16

**Center of Gravity**

ARUB154DT2

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

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