

Date:	For: <input type="checkbox"/> File <input type="checkbox"/> Resubmit
PO No.:	<input type="checkbox"/> Approval <input type="checkbox"/> Other _____
Architect:	GC:
Engr:	Mech:
Rep:	
(Company)	(Project Manager)



ARUB096BT2
Multi V™ Sync II
8.0 Ton Outdoor Unit

Performance:

Cooling Mode:

Capacity (Btu/h)	95,900
Capacity (tons)	8.0
Power Input (kW)	7.8

Heating Mode:

Capacity (Btu/h)	107,500
Power Input (kW)	8.8

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)	60
MCA (A)	42
Rated Amps (A)	37.1
Compressor A (A)	16.0
Compressor B (A)	18.7
Fan Motor (A)	2.4
Max Starting Current (A)	130.6

Piping:

Refrigerant Charge (lbs)	17.6
Liquid Line (in, OD)	3/8 Flare
Vapor Line High (in, OD)	3/4 Braze
Vapor Line Low (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
Synchronous Operating Range (°F DB)	14 -81

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Max Num of Indoor Units ¹	16
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.



Job Name/Location:

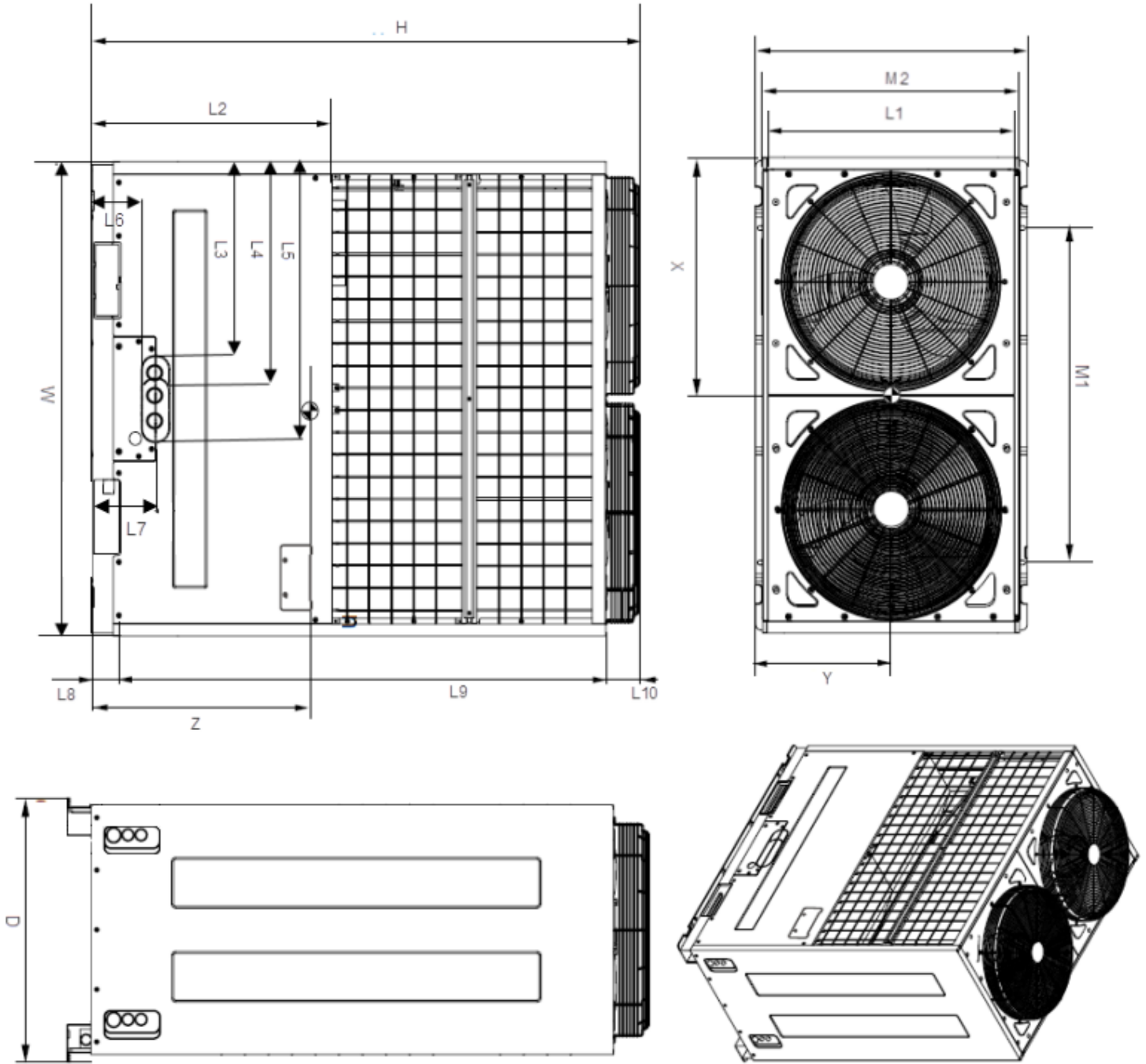
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Tag #: _____

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

Center of Gravity

ARUB096BT2

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

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