

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARUN216CTE4 (a) ARUN072CTE4
Multi V™ IV Heat Pump 575V (b) ARUN144CTE4
18.0 Ton Outdoor Unit



Performance:

Cooling Mode:

Nominal Capacity (Btu/h)	216,000
Power Input ¹ (kW)	14.01

Heating Mode:

Nominal Capacity (Btu/h)	243,000
Power Input ¹ (kW)	15.87

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:

(a) ARUN072CTE4 (b) ARUN144CTE4

Power Supply (V/Hz/Ø)	575/60/3	575/60/3
MOP (A)	20	30
MCA (A)	13.6	24.0
Rated Amps (A)	11.3	21.6
Compressor A (A)	9.2	9.5
Compressor B (A)	-	9.5
Fan (A)	2.1	2.6

Piping:

(a) ARUN072CTE4 (b) ARUN144CTE4

Refrigerant Charge (lbs)	16.9	23.6
Liquid Line ² (in, OD)	3/8	1/2
Vapor Line ² (in, OD)	3/4	1-1/8

Standard Features:

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

Required Accessories:

- ARCNN21 (frame connector Y-branch)

Optional Accessories:

- Air Guide (6 ton outdoor units) - PRAGX2S0
- Air Guide (8-12 ton outdoor units) - PRAGX3S0 (2 required)

Operating Range:

Cooling (°F DB)	14-122
Heating (°F WB)	-13 - 61

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Max Number of Indoor Units ³	35
Sound Pressure ⁴ dB(A)	62.0
Net Unit Weight (a) + (b) (lbs)	430 + 628
Shipping Weight (a) + (b) (lbs)	452 + 661
Communication Cable ⁵ (No. x AWG)	2 x 18
Heat Exchanger Coating	GoldFin™

Compressor:

Type	HSS DC Scroll
Quantity	3
Oil / Type	PVE/FVC68D

Fan:

Type	Propeller
Quantity (a) + (b)	3
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow Rate (a) + (b) (CFM)	17,250

Notes:

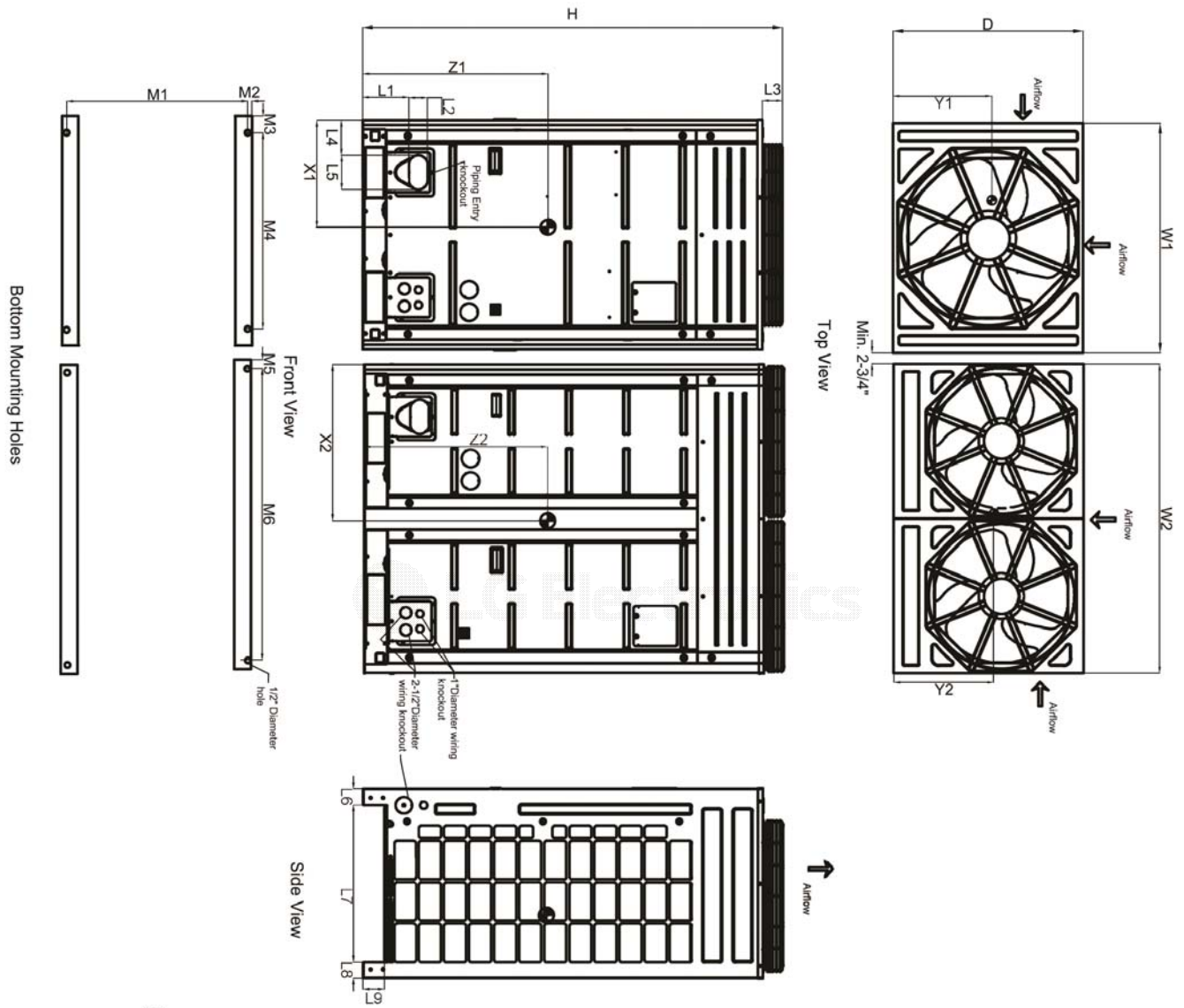
- 1.For AHRI ratings, refer to the AHRI website <http://www.ahridirectory.org>.
- 2.For main pipe segment size, refer to the LATS Multi V tree diagram.
- 3.The combination ratio must be between 50-130%.
- 4.Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745 for the combination of outdoor units.
- 5.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code. Cables terminate at each frame.
- 6.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%.
- 7.The voltage tolerance is ± 10%.
- 8.Power wiring cable size must comply with the applicable local and national code. Cables terminate at each frame.



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W1	36-1/4"
W2	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	31-3/16"
M5	2-5/8"
M6	43-3/8"

Center of Gravity	
X1	17-5/8"
X2	24-3/4"
Y1	13-1/2"
Y2	21-9/16"
Z1	29-5/8"
Z2	29-7/8"

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