

Job Name/Location

Tag No.:

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



ZRUN024GSS0
R32 Multi V™ S with LGRED° Outdoor Unit
2.0 Ton Heat Pump

Performance:

Cooling Mode:

Rated Capacity (Btu/h)	24,000
Power Input (kW, Non-Ducted)	1.62

Heating Mode:

Rated Capacity (Btu/h)	27,000
Power Input (kW, Non-Ducted)	1.98

Rated Capacity is based on the following conditions:

Cooling	Heating:
Indoor: 80°F DB / 67°F WB	Indoor: 70°F DB
Outdoor: 95°F DB	Outdoor: 47°F DB / 43°F WB

Electrical:

Power Supply (V/Hz/Ø)	208-230V / 60 / 1
MOP (A)	30
MCA (A)	26.4
Rated Amps (A)	
Compressor (A)	20.5
Fan (A) x Qty.	0.7 x 1

Piping:

Refrigerant Charge (lbs.)	3.3
Liquid Line (in., O.D.)	Ø3/8 Braze
Vapor Line (in., O.D.)	Ø5/8 Braze
Total Pipe Length (ft.)	984
Maximum Elevation between ODU and IDU (ft.)	164 - ODU Higher than IDU; 131 - ODU Lower than IDU
Maximum Elevation between IDU and IDU (ft.)	49

Standard Features:

- Night Quiet Operation
- Fault Detection and Diagnosis
- Drain Pan Heater Built in

Optional Accessories:

- Low Ambient Baffle Kit ZLABGP04A (1 required)

Operating Range:

Cooling (°F DB) ¹	23 - 122
Heating (°F WB)	-13 to +61

Unit Data:

Refrigerant Type	R32
Refrigerant Control	EEV
Max. Number of Indoor Units ²	4
Sound Pressure ³ dB(A) (Cooling / Heating)	50 / 52
Net Unit Weight (lbs.)	148
Shipping Weight (lbs.)	167
Communication Cable ⁴ (No x AWG)	2 x 18
Heat Exchanger Coating	Black Coated Fin™

Compressor:

Type	Hermetically Sealed Scroll
Quantity	1
Oil / Type	PVE / FW68L

Fan:

Type	Propeller
Quantity	1
Motor / Drive	Brushless Digitally Controlled/Direct
Air Flow Rate (CFM)	2,119

Notes:

1. Installation of an optional Low Ambient Wind Baffle Kit will allow operation down to -9.9°F in cooling mode.
2. The combination ratio must be between 50 – 130%.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
4. Communication cable between ODU, IDU(s), and Central Controller must be a minimum of 2-conductor, 18 AWG, twisted, stranded, and shielded. Ensure the communication cable shield is properly grounded to the ODU chassis only. Ⓞ DO NOT ground the communication cable at any other point. Wiring must comply with all applicable local and national codes.
5. 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%.
6. Power wiring cable size must comply with the applicable local and national codes.
7. The voltage tolerance is ± 10%.



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. (ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.)



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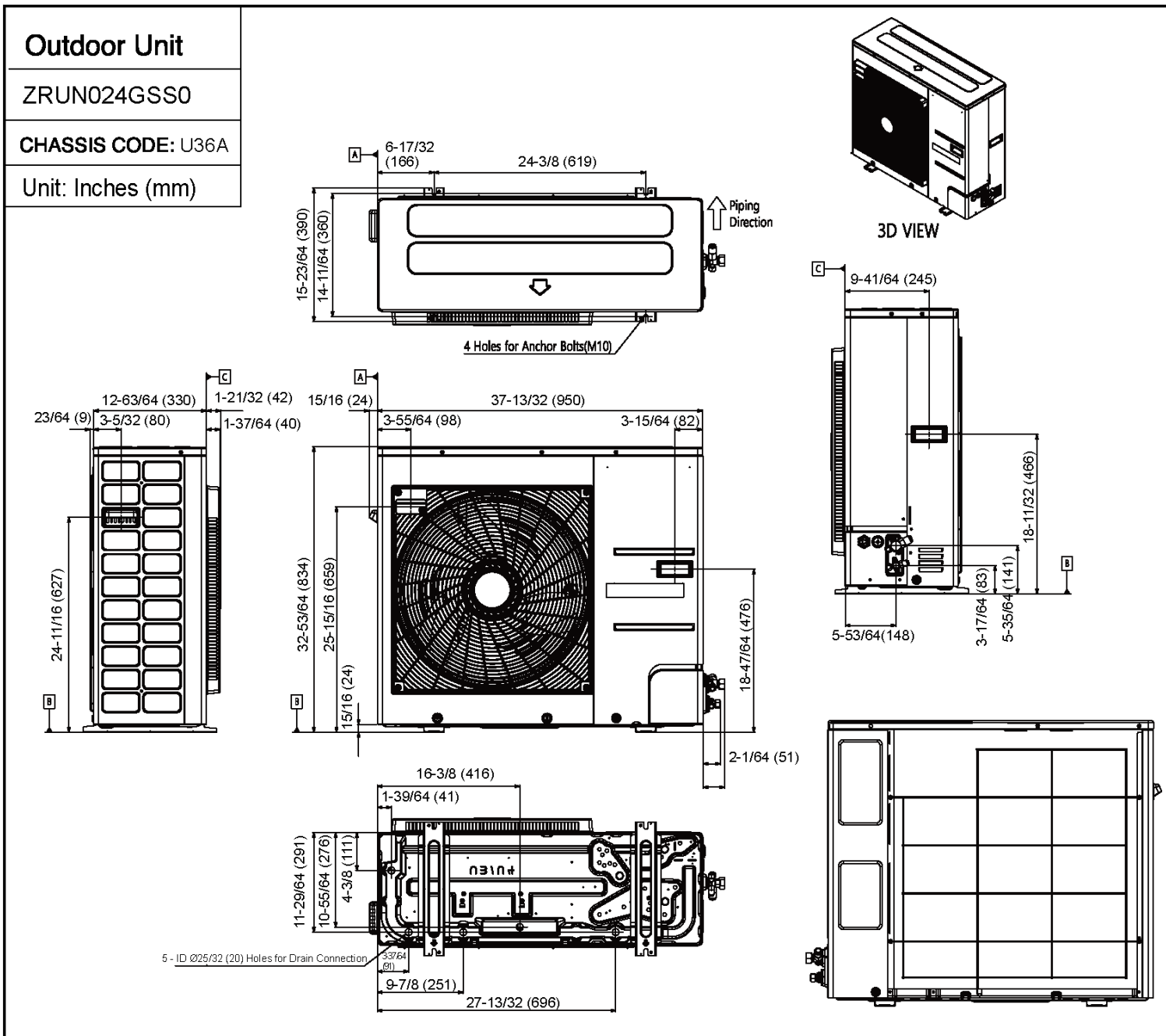
2.0 Ton Heat Pump



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AHRI Data:

Indoor Unit Type	Cooling Capacity (95°F)	EER2 (95°F)	SEER2	Heating Capacity (47°F)	COP (47°F)	Heating Capacity (17°F)	COP (17°F)	HSPF2	Maximum Heating Capacity (5°F)	COP (5°F)
Non-Ducted Indoor Units	24,000	14.80	20.05	27,000	4.00	17,000	2.60	10.20	27,000	2.16
Ducted Indoor Units	24,000	14.80	18.15	27,000	4.00	18,000	2.60	10.20	27,000	2.00