

Job Name/Location

Tag #:

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



ARUN024GSS4
Multi V™ S Heat Pump
2.0 Ton Outdoor Unit

Performance:

Cooling Mode:

| | |
|-------------------------------|--------|
| Rated Capacity (Btu/h) | 24,000 |
| Power Input ¹ (kW) | 1.52 |

Heating Mode:

| | |
|-------------------------------|--------|
| Rated Capacity (Btu/h) | 27,000 |
| Power Input ¹ (kW) | 2.02 |

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) | 19.6 |
| Rated Amps (A) | |
| Compressor (A) | 15.3 |
| Fan (A) x Qty. | 0.5 x 1 |

Piping:

| | |
|--------------------------|------------|
| Refrigerant Charge (lbs) | 4 |
| Liquid Line (in, OD) | Ø3/8 Flare |
| Vapor Line (in, OD) | Ø5/8 Flare |

Standard Features:

- Night Quiet Operation
- Fault Detection and Diagnosis

Optional Accessories:

- Low Ambient Baffle Kit ZLABGP04A (1 required)
- Drain Pan Heater PQSH1200

***Installation of an optional Low Ambient Wind Baffle Kit will allow operation down to -9.9°F in cooling mode.**

Operating Range:

| | |
|------------------|-----------|
| Cooling (°F DB)* | 23 - 122 |
| Heating (°F WB) | -4 to +61 |

Unit Data:

| | |
|---|----------|
| Refrigerant Type | R410A |
| Refrigerant Control | EEV |
| Max Number of Indoor Units ² | 4 |
| Sound Pressure ³ dB(A) | 50 |
| Net Unit Weight (lbs) | 159 |
| Shipping Weight (lbs) | 176 |
| Communication Cable ⁴ (No x AWG) | 2 x 18 |
| Heat Exchanger Coating | GoldFin™ |

Compressor:

| | |
|------------|----------------------|
| Type | DC Inverter Starting |
| Quantity | 1 |
| Oil / Type | PVE/FVC68D |

Fan:

| | |
|---------------------|---------------------------------------|
| Type | Axial Flow Fan |
| Quantity | 1 |
| Motor / Drive | Brushless Digitally Controlled/Direct |
| Air Flow Rate (CFM) | 2,119 |

Notes:

1. For AHRI rating, refer to the AHRI website <http://www.ahridirectory.org>.
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. 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%.
6. Power wiring cable size must comply with the applicable local and national codes.
7. The voltage tolerance is ± 10%.



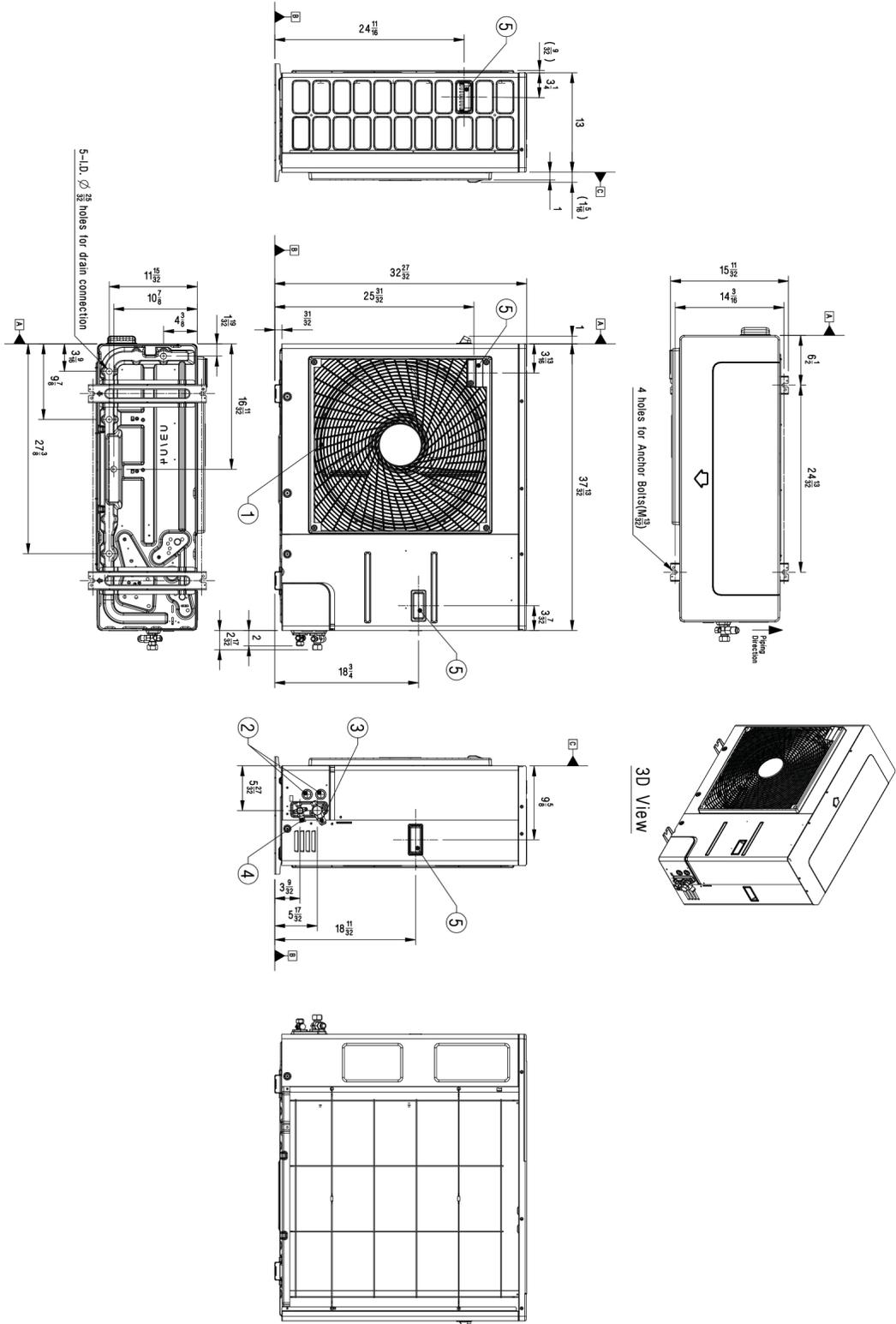
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| Symbols | | Note | |
|---------|------------------------------------|------|---|
| → | Piping Direction | 1. | Unit should be installed in compliance with the installation manual in the product box. |
| □ | Datum line | 2. | Unit should be grounded in accordance with the local regulations or applicable national codes. |
| | | 3. | All electrical components and materials to be supplied from the site must comply with the local regulations or international codes. |
| | | 4. | Electric characteristics chapter should be considered for electrical work and design. |
| | | | Especially the power cable and circuit breaker should be selected in accordance with that. |
| 5 | Handle | | |
| 4 | Liquid Pipe Connection | | |
| 3 | Gas Pipe Connection | | |
| 2 | Power and communication cable Hole | | |
| 1 | Air Outlet | | |
| No. | Part Name | | Description |

[Unit: inch]

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Multi V™ S Heat Pump

2.0 Ton Outdoor Unit



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AHRI Data:

| Indoor Unit Type | Cooling Capacity (95°F) | EER2 (95°F) | SEER2 | High Heating Capacity (47°F) | Low Heating Capacity (17°F) | HSPF2 | Low Heating Capacity (5°F) | Heating COP at 5°F |
|-------------------------|-------------------------|-------------|-------|------------------------------|-----------------------------|-------|----------------------------|--------------------|
| Non-Ducted Indoor Units | 24,000 | 14.80 | 18.15 | 31,200 | 18,900 | 10.20 | 26,200 | 2.16 |
| Ducted Indoor Units | 24,000 | 14.80 | 18.15 | 31,200 | 18,900 | 10.20 | 26,200 | 2.16 |