# SUBMITTAL DATA SHEET

**AUX R32 - Inverter Ducted System Series - AHU48HPV1BI**

Job Name _____ Location _____ Date _____

Purchaser _____ Engineer _____

For ☐ Reference ☐ Approval ☐ Construction

Submitted to _____ Schedule # _____

Unit Designation _____



AHU48HPV1BI

- R32 environmental refrigerant
- Refrigerant-cooled control board
- Flexible installation (any orientation)
- Compatible with 485 & 24V controls
- Fast cooling / heating
- Quiet operation
- ESP up to 1.0 in. W.C.
- Extreme Series – heating down to -22°F

| Inverter Ducted System – Extreme Series (B) | | | |
|---|---|---|---|
| Indoor Unit | | | **AHU48HPV1BI** |
| Outdoor Unit | | | **AHU48HPV1BO** |
| AHRI Certified Reference No. | | | **217729382** |
| Cooling | Capacity (Rated) | Btu/h | 48000* |
| | Capacity Range (Min–Max) | Btu/h | 9000-55000 |
| | Power Input (Rated) | W | 4800 |
| Heating | Capacity at 47°F (Rated) | Btu/h | 49000* |
| | Capacity Range (Min–Max) | Btu/h | 8000-56000 |
| | Power Input at 47°F (Rated) | W | 4224 |
| | Capacity at 17°F (Rated) | Btu/h | 45000* |
| | Capacity at 5°F (Max) | Btu/h | 48000* |
| Electrical | Power Supply | V~, Hz, Ph | 208/230,60,1 |
| | Rated Cooling Current | A | 21.30 |
| | Rated Heating Current | A | 18.74 |
| | MCA (Indoor Unit) | A | 8.5 |
| | Max. Fuse (Indoor Unit) | A | 15 |
| Efficiency | SEER2 | | 17* |
| | HSPF2 (Region IV) | | 9.5* |
| | EER2 | | 10* |
| | COP | W/W | 3.40 |
| Indoor Unit | Indoor Air Flow (Hi/Mi/Lo) | CFM | 1550/1300/1050 |
| | Noise Level (Hi/Mi/Lo) | dB(A) | 53/51/49 |
| | External Static Pressure | in. W.C. | 0.5(0~1) |
| | Net Dimensions (W×D×H) | inch | 24.5×21.0×53.0 |
| | | mm | 622×534×1346 |
| | Package Dimensions (W×D×H) | inch | 28.0×28.0×59.4 |
| | | mm | 710×710×1510 |
| | Net / Gross Weight | lbs | 154.3/177.5 |



Specifications are subject to change without notice.

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| Inverter Ducted System – Extreme Series (B) | | | |
|---|---|---|---|
| Piping | Liquid (O.D.) | in. [mm] | 3/8 [9.52] |
| | Gas (O.D.) | in. [mm] | 3/4 [19.05] |
| | Max. Length | ft [m] | 164 [50] |
| | Max. Height | ft [m] | 98 [30] |
| Operating Range | Indoor Operating Temperature | °F (°C) | 61~90(16~32) |
| | Cooling | °F (°C) | 5~125(-15~52) |
| | Heating | °F (°C) | -22~75(-30~24) |
| Connection Wiring | Power Wiring (Indoor) | AWG | 18 |
| | Signal Wiring | AWG | 22 |

## Remarks:

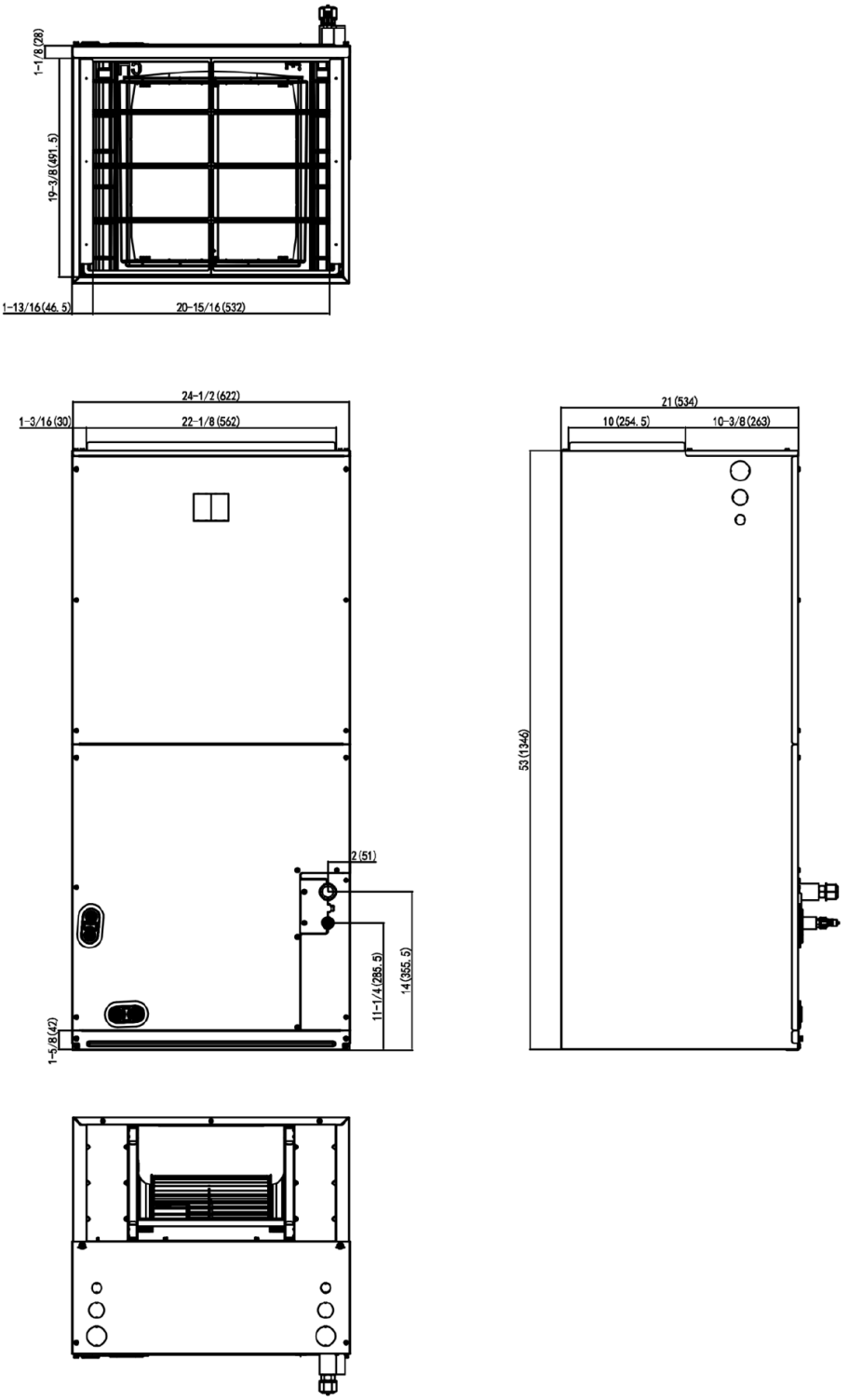
1. All specifications are subject to change by the manufacturer without prior notice.
2. Ratings marked * are AHRI-certified (AHRI 210/240-2024) and match the AHRI Directory (ahridirectory.org) for the reference number(s) above as of October 2026.
3. Sound pressure levels are measured in anechoic chamber. During actual operation, sound pressure level will be higher as a result of room specification condition.
4. Data from AUX lab, 30/09/24. Data may change according to test surroundings; AUX reserves right of explanation on data.

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# Dimensions

## Indoor Unit
## AHU48HPV1BI

**AHU48HPV1BI**





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