

SUBMITTAL DATA - INDOOR UNIT VMDB024H4-3P

VRF Heat Pump & Heat Recovery

| | For: Reference Approval Review Construction |
|---------------------|---|
| System Designation: | Date: |
| Schedule No.: | Location: |
| Location: | Architect: |
| Job: | Engineer: |

Medium-Static Concealed Duct Indoor Unit

FEATURES

- Pre Heat Function Auto Addressing
- · Four Built-In Dry Contact Relays
- Electronic Expansion Valve
- · High-Efficiency DC Motor
- · Brazed Connections
- LED Display
 - Falalala Datama Ain Filtan
- Refrigerant R-410A
- · Nine capacity sizes from 7,000 to 48,000 Btu/h
- Foldable Return Air Filter Integral Condensate Pump

WARRANTY

Auto Restart

• 10-year limited warranty.*See warranty for details.

| SPECIFICATIONS | | | | | | | | | | |
|---------------------------------------|-----------------|--------------|--|--|--|--|--|--|--|--|
| PERFORMANCE | | | | | | | | | | |
| Cooling Capacity ¹ (Btu/h) | 24,000 | | | | | | | | | |
| Heating Capacity ¹ (Btu/h) | 27,000 | | | | | | | | | |
| Airflow (CFM) | 570/640/800 | | | | | | | | | |
| External Static Pressure (in. w.g.) | 0.10 - 0.60 | | | | | | | | | |
| Sound (dBA) | Low/Medium/High | 34.2/36.3/42 | | | | | | | | |
| ELECTRICAL DATA | | | | | | | | | | |
| Power Supply (Volts/Hertz/Phase | 208-230/60/1 | | | | | | | | | |
| Minimum Circuit Ampacity (MCA) | 3.13 | | | | | | | | | |
| Maximum Overcurrent Protection | 15 | | | | | | | | | |
| Cooling Power Input ² (W) | 100 | | | | | | | | | |
| Cooling Rated Current (A) | 1 | | | | | | | | | |
| Heating Power Input ² (W) | | 95 | | | | | | | | |
| Heating Rated Current (A) | | 1 | | | | | | | | |
| Indoor Fan Motor Input (W) | | 231 | | | | | | | | |
| DIMENSIONS | | | | | | | | | | |
| Unit Dimensions (in) | Width | 48-1/2 | | | | | | | | |
| . , | Height | 10-5/8 | | | | | | | | |
| | Depth | 30-1/4 | | | | | | | | |
| Liquid Pipe Connection (in) (O.D) | 3/8 | | | | | | | | | |
| Gas Pipe Connection (in) (O.D.) | 5/8 | | | | | | | | | |
| Drain Connection (in) (O.D.) | 1 | | | | | | | | | |
| Net Weight (lb) | | 100 | | | | | | | | |
| Shipping Weight (lb) | | 115 | | | | | | | | |
| | | | | | | | | | | |



| OPTIONAL ACCESSORIES | |
|-------------------------------|-------------|
| Non-Programmable Controller | V0STAT54P-3 |
| Programmable Wired Controller | V0STAT51P-3 |
| Infrared Wireless Controller | V0STAT52P-1 |
| Occupancy Sensor | V0SNSR78P-3 |
| Remote Sensor | V0SNSR00P-1 |
| HHE Relay Kit | V0CTRL92P-3 |
| Hotel Keycard Interface | V0CTRL88P-1 |

NOTES

- Cooling and Heating capacity data is rated at the following conditions:
 - Cooling: 80°FDB / 67°FWB Indoor, 95°FDB
 - Outdoor Heating: 70°FDB Indoor, 47°FDB / 43°FWB Outdoor.
- Power Input values are rated at high fan speed.
- 3. Complies with AHRI 1230-2014 testing standards



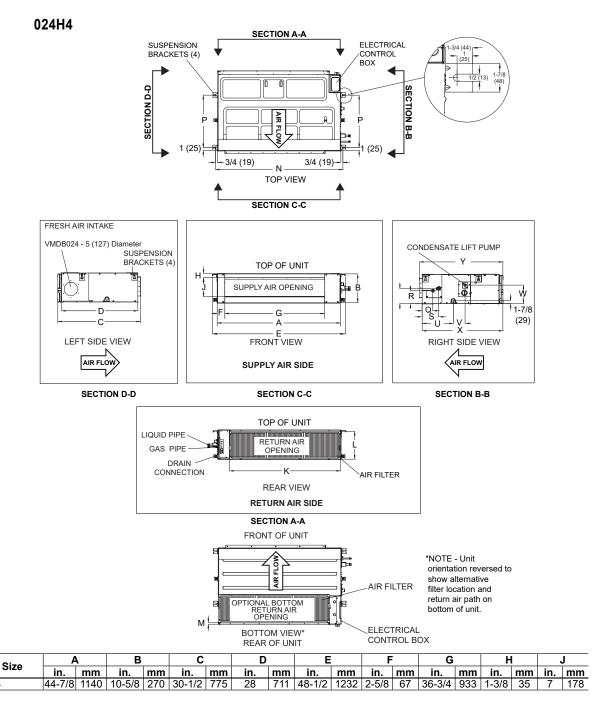




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DIMENSIONAL DRAWINGS - INCHES (MM)



| Size | K | | L | | М | | N | | Р | | Q | | R | | S | | Т | | U | |
|------|--------|------|--------|-----|-----|----|--------|------|--------|-----|-------|----|-------|-----|-----|-----|-------|-----|--------|-----|
| | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm |
| 024 | 40-3/4 | 1035 | 10-1/4 | 260 | 3/4 | 18 | 46-3/4 | 1188 | 19-1/4 | 490 | 3-7/8 | 99 | 4-5/8 | 117 | 6 | 152 | 5-1/2 | 140 | 11-3/8 | 289 |

| Size | V | | W | | Х | | Y | | |
|------|-------|-----|-------|-----|--------|-----|--------|-----|--|
| | in. | mm | in. | mm | in. | mm | in. | mm | |
| 024 | 4-1/4 | 108 | 6-3/4 | 171 | 29-3/8 | 746 | 30-1/4 | 768 | |

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