



Submittal Data Sheet: VRFI-42EF-M2B(55)5

INDOOR UNIT



VRFI-42EF-M2B(55)5



Wall Controller Included

ACCESSORIES

- YMGI BRIDGE CONTROLLER
- THERMOSTAT
- COPPER LINE SETS
- LINE SET COVERS

| | | | |
|-----------------------|--|------------------------|--|
| Job Name: | | Tag #: | |
| Location | | Date: | |
| General Contractor: | | Mechanical Contractor: | |
| Sales Representative: | | Sales Engineer: | |
| Submitted by: | | Drawing #: | |
| Reference | | PO #: | |

Medium / High Static Pressure Design

ESP can be up to 100 Pa (0.4 WC) for central and zoned duct work in residential and light commercial applications.

Convenient Maintenance

Washable filter, and convenient service port for easy maintenance.

Easy Installation

Easily mount unit from joists or ceilings with threaded rods through four mounting slots.

Protection Functions

Built-in anti-freezing, fan motor overload, and temperature sensor malfunction protection.

Digital Display

Users and service technicians can use the digital display on the Wall Mount Controller to see status and error codes.

Thermostat Controller

By using a YMGI bridge controller, North American style thermostats (Nest, Honeywell, Pro1, YMGI etc.) can be used for temperature control, locally or remotely, individually or in groups.

| Model VRFI-42EF-M2B(55)5 | | |
|---------------------------------|-----|-------|
| Connection Pipes | | |
| Liquid Connecting Pipe Diameter | in. | Ø3/8 |
| Gas Connecting Pipe Diameter | in. | Ø5/8 |
| Drain Pipe External Diameter | in. | Ø1 |
| Drain Pipe Inner Diameter | in. | 13/16 |

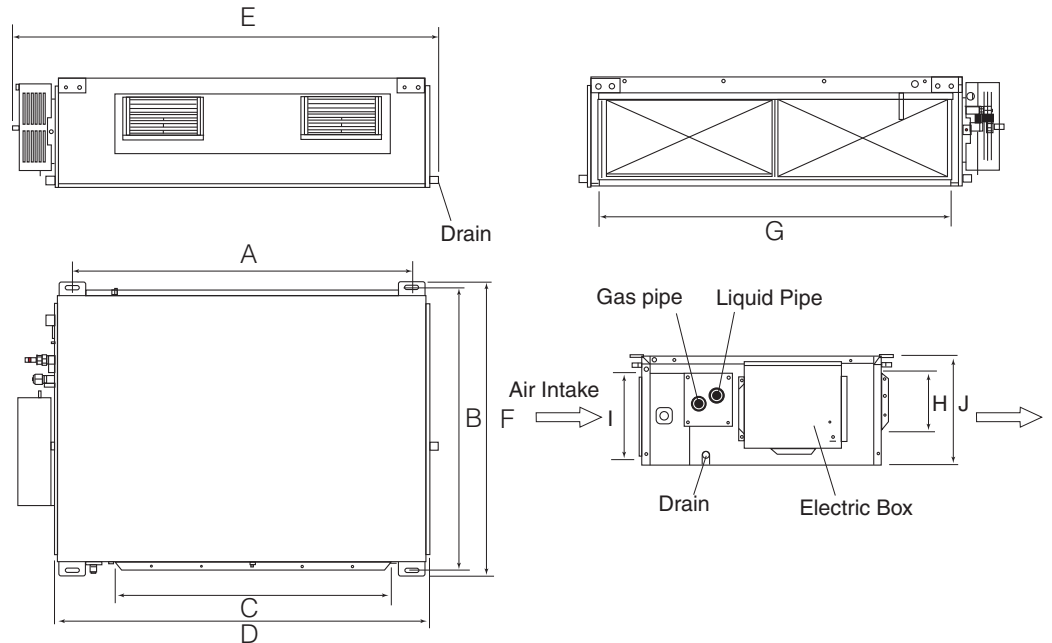
| Dimensions & Weight Outdoor Unit | | |
|----------------------------------|------|--------------------------|
| Unit Dimensions (W x D x H) | in. | 48 3/8 x 30 1/2 x 11 3/8 |
| Net / Gross Weight | lbs. | 104 / 119 |

| Model | | VRFI-42EF-M2B(55)5 | |
|--|-------------|--------------------|------------|
| Cooling Capacity | Btu/h | 42000 | |
| Heating Capacity | Btu/h | 47000 | |
| Power Supply | V/Ø/Hz | 208/230/1/60 | |
| Power Consumption | W | 220 | |
| Airflow Volume (H/M/L) | m³/h | 2000 / 1550 / 600 | |
| | CFM | 1180 / 910 / 705 | |
| Related Current Heating / Cooling | Amp | 1.6 | |
| MCA | Amp | 2 | |
| MOP | Amp | 15 | |
| ESP | (std. 70) | Pa | 70/0~100 |
| | (std. .28") | WC | up to 0.4" |
| Condensate Pump Lift from base of unit | in. | 39 3/8" | |
| Sound Pressure Level (H/M/L) | dB(A) | 48 / 45 / 42 | |
| Refrigerant | | R410A | |

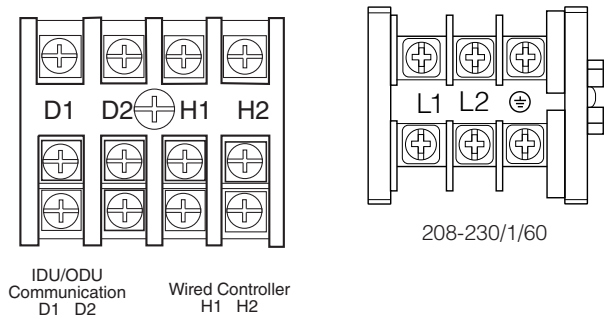


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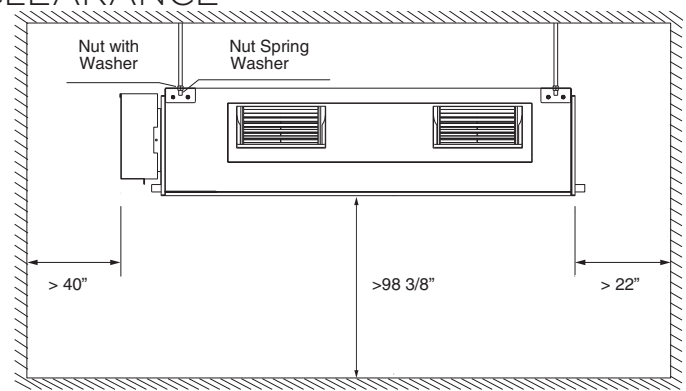
| Dimensions | | |
|------------|---------|------|
| 39-3/4 | inches | mm |
| A | 39 3/4" | 1101 |
| B | 29 1/2" | 748 |
| C | 32 1/4" | 820 |
| D | 43 7/8" | 1115 |
| E | 48 3/8" | 1229 |
| F | 30 1/2" | 775 |
| G | 38 1/2" | 979 |
| H | 6 1/4" | 160 |
| I | 9 1/8" | 231 |
| J | 11 3/8" | 290 |



WIRING



CLEARANCE



FEATURES

- 208-230/1/60 power input
- Quiet and efficient heating & cooling.
- Built-in Protection Functions
- Digital Wall Controller
- Can be controlled with a standard Thermostat by using optional YMGI Bridge Controller
- Pre-charge with dry nitrogen
- Standard flare brass connection valves
- Built to ETL/UL/CSA/AHRI standards
- Bolts on to existing ductwork
- Easy installation and convenient maintenance

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