



**Submittal Data Sheet: VRFI-48EF-M2B(55)5**

**INDOOR UNIT**



Wall Controller Included

**VRFI-48EF-M2B(55)5**

**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-48EF-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

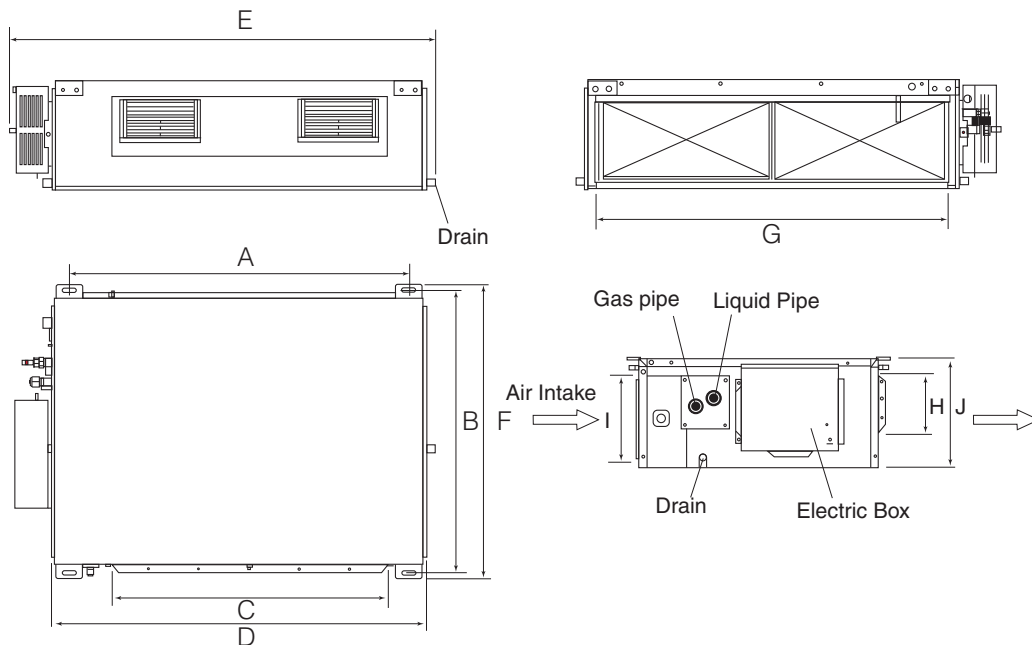
Dimensions & Weight Outdoor Unit		
Unit Dimensions (W x D x H)	in.	48 3/8 x 30 1/2 x 11 3/8
Net / Gross Weight	lbs.	104 / 119

Model		VRFI-48EF-M2B(55)5	
Cooling Capacity	Btu/h	48000	
Heating Capacity	Btu/h	54000	
Power Supply	V/Ø/Hz	208/230/1/60	
Power Consumption	W	220	
Airflow Volume (H/M/L)	m <sup>3</sup> /h	2000 / 1700 / 1400	
	CFM	1180 / 1000 / 825	
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 / 46 / 44	
Refrigerant		R410A	

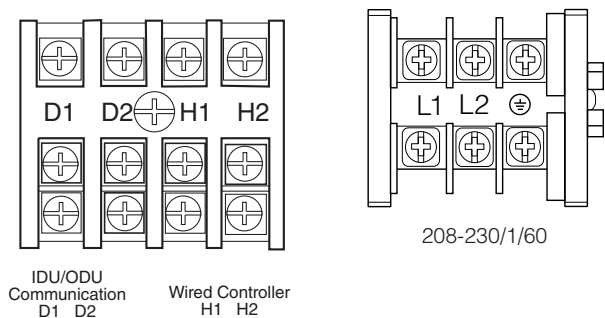


### INDOOR UNIT

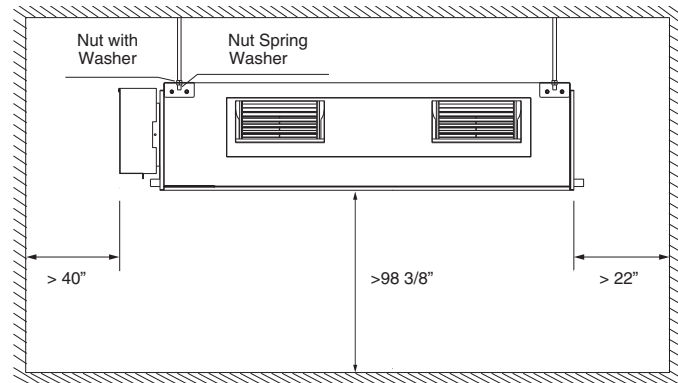
Dimensions		
39-3/4	inches	mm
A	39 3/4"	1101
B	29 1/2"	748
C	32 1/4"	820
D	43 7/8"	1115
E	48 3/8"	1229
F	30 1/2"	775
G	38 1/2"	979
H	6 1/4"	160
I	9 1/8"	231
J	11 3/8"	290



### 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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