



**Submittal Data Sheet: VRFO-288VR-U3C(55)5
(3 x VRFO-96VR-U3C(55)5)**

OUTDOOR UNIT
Heat Recovery
Heat and Cool Simultaneously



VRFO-288VR-U3C(55)5
3 x VRFO-96VR-U3C(55)5

ACCESSORIES

- COPPER/WIRE/ACC.SET
- LINESET COVERS
- WIND BAFFLE / HAIL GUARD
- DISCHARGE AIR HOOD

Connection Pipes		
Outer Diameter Liquid Pipe	in.	3 x Ø 3/8
Outer Diameter Gas Pipe Low Pressure	in.	3 x Ø 7/8
Outer Diameter Gas Pipe High Pressure	in.	3 x Ø 3/4
Modules		3
Max. Equivalent Connection Pipe Length	ft.	541.25
Max. Height ODU at upper side	ft.	164
Max. Height ODU at lower side	ft.	295.25
Dimensions & Weight Outdoor Unit		
Dimensions of Unit (W x H x D)	in.	3 - 52 3/4 x 63 1/4 x 30 1/8
Net Weight	lbs	3 x 694

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

A VRF SYSTEM THAT IS EFFICIENT AND FLEXIBLE

YMGI's Heat Recovery VRF systems are designed to deliver comfort year round. With YMGI's Heat Recovery VRF System, you can use the same system to simultaneously heat and cool multiple rooms. Replaces traditionally designed gas furnace and AC/HP coil & outdoor unit systems. YMGI Heat Recovery VRF systems save money on installation and operation.

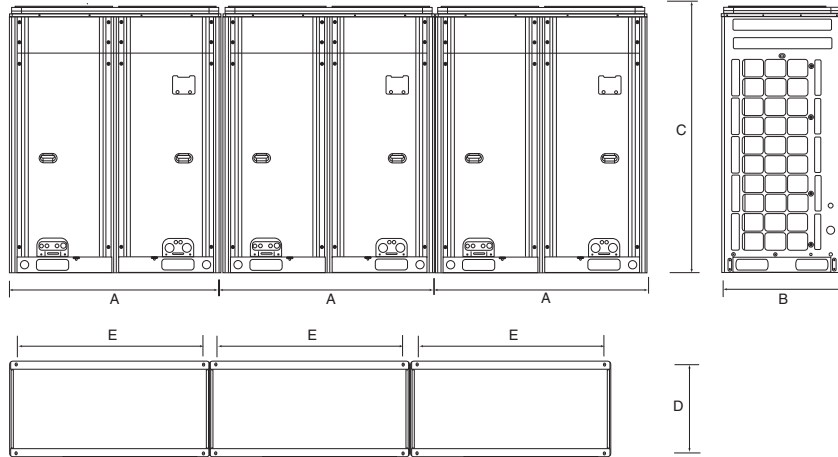
Model	Unit	VRFO-288VR-U3C(55)5
Capacity Range	Ton	24
Cooling Capacity	Btu/h	3 x 89,000 = 267,000
Heating Capacity	Btu/h	3 x 98,000 = 94,000
Air flow volume	CFM	3 x 8240
ESP	WC	3 x 0.33"
EER	Ducted	9.80
	Non-Ducted	10.20
IEER	Ducted	19.00
	Non-Ducted	19.00
SCHE	Ducted	21.00
	Non-Ducted	24.00
COP47	Ducted	3.20
	Non-Ducted	3.20
COP17	Ducted	2.05
	Non-Ducted	2.05
Power Supply	V/Ø/Hz	3 x 208~230/3/60
MCA	A	3 x 45
MOP/HVAC Circuit Breaker	A	3 x 60
Maximum No. if Connected IDU	-	3 x 16
R410A Refrigerant Factory Charge	lbs.	3 x 24.7
Connection Method and Valve Sizes		3xBrazing 3/8+7/8+3/4"
Sound Pressure / Power Level	dB(A)	63 / 73
Cooling Operation Ambient Temp. Range	° F	23° ~ 126°
Heating Operation Ambient Temp. Range	° F	-22° ~75°
Base Pan Heater	-	YES



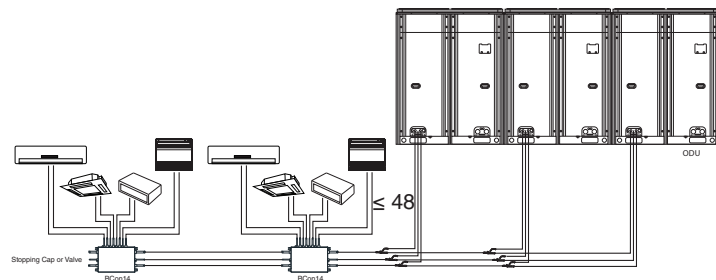
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OUTDOOR UNIT

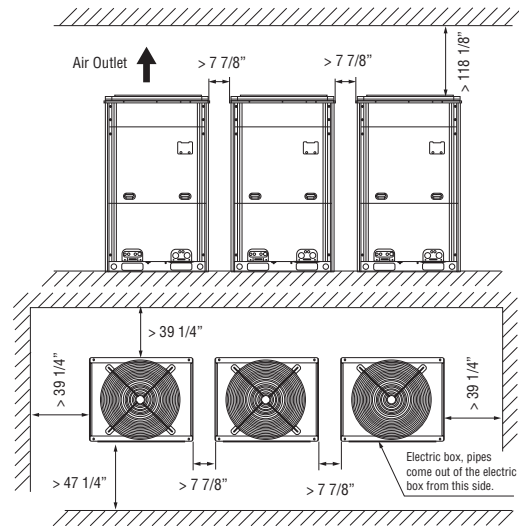
Dimensions (inches)	
	inches
A	52 3/4"
B	30 1/8"
C	63 1/4"
D	28 3/4"
E	39 1/4"



SYSTEM LAYOUT

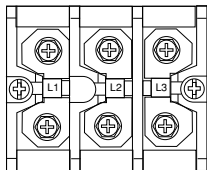


CLEARANCES

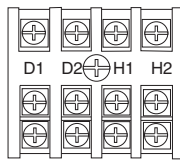


TERMINAL BLOCKS

In Each VRFO



208/230/3/60



IDU/ODU Communication
D1 D2 Wired Controller
H1 H2

Total length (actual length) of fitting pipe	
Length of farthest fitting pipe	Actual length
	Equivalent length
From the 1st branch to the farthest indoor pipe	
Height difference between ODU and IDU	ODU at upper side
	ODU at lower side
Height difference between IDUs	

Modular VRF Systems		
Allowable value		
	m	f
	≤1000	3280-3/4
	≤165	541 1/4
	≤190	623 1/4
	≤40	131 1/4
	≤40	131 1/4
	≤90	295 1/4
	≤30	98 1/2

FEATURES

- 208-230/3/60 power input
- Quiet and efficient heating & cooling.
- Wide working ambient temperature ranges
- Compact footprint fits inside an elevator
- Compact outdoor unit with top discharge
- ODU ships pre-charged with environmentally friendly R410A refrigerant.

- DC Inverter technology
- All DC Inverter high quality compressors
- Sensorless DC Inverter fan motor
- Durable powder coated cabinet
- Brazed refrigerant line connections
- Built to ETL/UL/CSA/AHRI standards
- Easy installation and maintenance

YMGI Group

601 Arrow Ln, O'Fallon, Missouri 63366
Phone: 1-866-833-3138
Fax: 1-866-377-3355
ymgigroup.com

Sales Representative or Distributor: