



Submittal Data Sheet: VRFO-24HP-V2B(55)5

OUTDOOR UNIT

VRF Heat Pump



VRFO-24HP-V2B(55)5

ACCESSORIES

- MOUNTING BRACKETS
- FOOT RISERS
- COPPER/WIRE/ACC.SET
- LINESET COVERS
- WINTER WIND BAFFLE

Connection Pipes		
Outer Diameter Liquid Pipe	inches	3/8
Outer Diameter Gas Pipe	inches	5/8
Max. Equivalent Connection Pipe Length	ft.	360
Max. Height ODU at upper side	ft.	164
Max. Height ODU at lower side	ft.	131

Dimensions & Weight Outdoor Unit		
Dimensions of Unit (W x H x D)	inches	38 9/16 x 31 2/16 x 14 3/16
Net Weight	lbs	176.4

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

A FLEXIBLE AND AFFORDABLE VRF SYSTEM

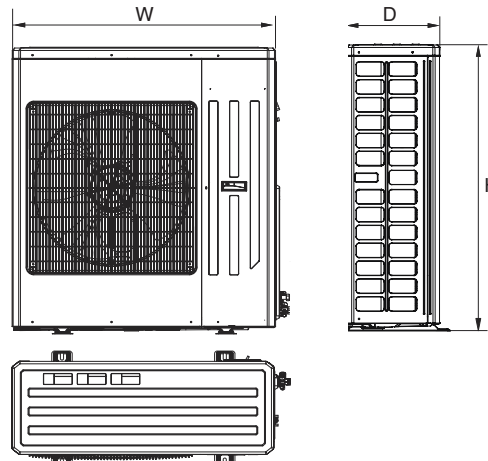
YMGI's VRF Heat Pump systems are designed to deliver comfort year round. Effective in a wide range of outdoor ambient temperatures (as low as -4 °F), the YMGI VRF Heat Pump systems can meet all your heating and cooling needs, with no need for a supplemental heating system. A YMGI VRF system can replace traditionally designed gas furnace and AC/HP coil & outdoor unit systems. VRF Heat Pump systems save money on installation and operation.

Model	Unit	VRFO-24HP-V2B(55)5
Cooling Capacity	Btu/h	24,000
Heating Capacity	Btu/h	28,000
Air flow volume	CFM	2295
Heating Capacities at Different OD Ambient Temperatures	47 ° F	100% / 28,000
	17 ° F	100% / 28,000
	-4 ° F	80% / 22,400
Sound Pressure Level	dB(A)	57
Power Supply	V/Ø/Hz	208~230/1/60
MCA	A	21
MOP	A	25
Fan Motor Power Output	W	150
Fan Motor Running Current	A	0.95
Rated Input	kW	3.6
Connection Method	-	Flare/Nut
Refrigerant	-	R410A
Compressor Manufacturer	-	GR/LD
Compressor Type	-	Two-stage Variable Frequency Rotary
Compressor Quantity	No.	1
Compressor Rated Load Amp.	A	11.7
Motor Full Load Amp.	A	0.95
Motor Type	-	INVERTER
Fan Quantity	-	1
Capacity Adjustment Range	%~%	15%~120%
Maximum drive IDU NO.	unit	4
Max. Equivalent Connection Pipe Length	feet	360
Condenser Fin Color	-	Golden
Cooling Operation Ambient Temperature Range	° F	23° ~ 118°
Heating Operation Ambient Temperature Range	° F	-4° ~ 80.6°
Refrigerant Charge	oz	176.4
Low Ambient Cooling Function	-	YES
Base Pan Heater	-	YES

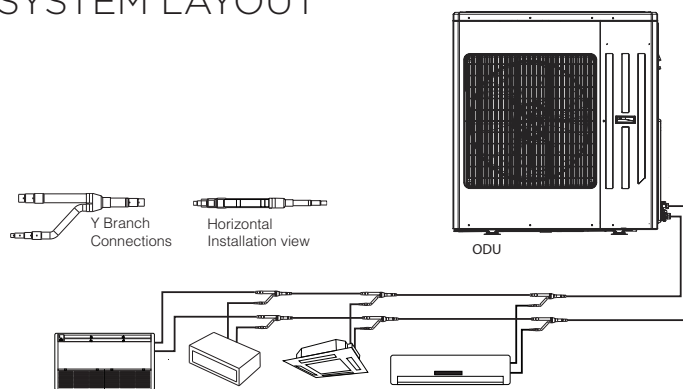


OUTDOOR UNIT

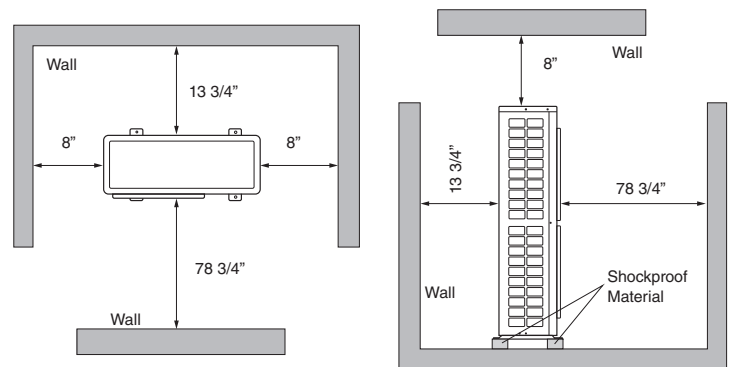
Dimensions (inches)	
	inches
A	35 3/8"
B	13 3/8"
C	53"
D	22 1/2"
E	14 7/8"



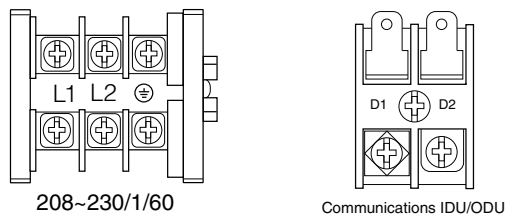
SYSTEM LAYOUT



CLEARANCES



WIRING



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	

Mini VRF Systems		
Allowable value		
	m	f
Length of farthest fitting pipe	300	984
Length of farthest fitting pipe (Actual length)	120	394
Length of farthest fitting pipe (Equivalent length)	150	492
From the 1st branch to the farthest indoor pipe	40	131
Height difference between ODU and IDU (ODU at upper side)	50	164
Height difference between ODU and IDU (ODU at lower side)	40	131
Height difference between IDUs	15	49

FEATURES

- 208-230/1/60 power input
- Heats at 80% capacity down to -4 °F, cools down to 23 °F.
- Quiet and efficient heating & cooling.
- DC Inverter technology and auto AC/DC power management.
- Compact footprint with side discharge
- ODU ships pre-charged with environmentally friendly R410A refrigerant.
- All DC Inverter high quality compressors
- Sensorless DC fan motor
- Durable powder coated cabinet
- Built to ETL/UL/CSA/AHRI standards
- Easy installation and maintenance

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Sales Representative or Distributor: