

Engineering Submittal Data Sheet: 02.18.2021





Document No. 2018.V2B.60K.002.A

Submittal Data Sheet: VRFO-60HP-V2B(55)5

OUTDOOR UNIT

VRF Heat Pump



VRFO-60HP-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	3/4	
Max. Equivalent Connection Pipe Length	ft.	540	
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)	inches	37 x 56 1/4 x 12 5/8	
Net Weight	lbs	273.4	

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-60HP-V2B(55)5	
Cooling Capacity	Btu/h	60,000	
	Ducted	9.30	
EER	Mixed Ducted	10.50	
	Non-Ducted	12.00	
	Ducted	16.00	
SEER	Mixed Ducted	17.75	
	Non-Ducted	19.50	
Heating Capacity	Btu/h	64,000	
3	Ducted	9.70	
HSPF	Mixed Ducted	10.10	
	Non-Ducted	10.50	
Air flow volume	CFM	4601	
	47 ° F	100% / 64,000	
Heating Capacities at Different	17 ° F	100% / 64,000	
OD Ambient Temperatures	-4 ° F	100% /64,000	
Sound Pressure Level	dB(A)	63	
Power Supply	V/Ø/Hz	208~230/1/60	
MCA	A	43	
MOP	A	60	
Connection Method	-	Flare/Nut	
Refrigerant	_	R410A	
Compressor Manufacturer	_	GR/LD	
Compressor Type	_	Two-stage Variable Frequency Rotary	
Compressor Quantity	No.	1	
Motor Type	-	INVERTER	
Fan Quantity	_	2	
Capacity Adjustment Range	%~%	15%~120%	
Maximum drive IDU NO.	unit	13	
Max. Equivalent Connection Pipe			
Length	feet	540	
Condenser Fin Color	-	Golden	
Cooling Operation Ambient	°F	23° ~ 118°	
Temperature Range	1	20 ~ 110	
Heating Operation Ambient	°F	-4° ~ 80.6°	
Temperature Range			
Refrigerant Charge Low Ambient Cooling Function	OZ -	229 YES	
Base Pan Heater	-	YES	
Dase I all I leater	-	ILO	

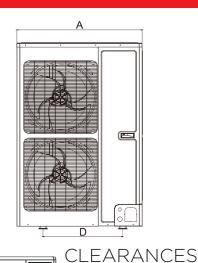


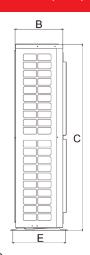
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OUTDOOR UNIT

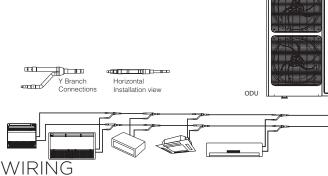
Dimensions (inches)		
	inches	
Α	37"	
В	12 5/8"	
С	56 1/4"	
D	24 7/8"	
E	13 3/4"	

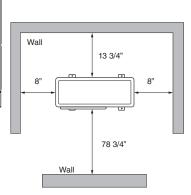


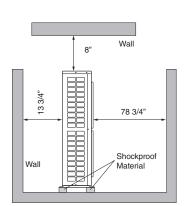


Mini VRF Systems









VIRING	
	D1 (D2
208~230/1/60	Communications IDLI/C

	L)	Allowab	le value
208~230/1/60	Communications IDU/ODU	m	f
Total length (actual length) of fitting pipe		300	984
Length of farthest	Actual length	120	394
fitting pipe	Equivalent length	150	492
From the 1st branch to the farthest indoor pipe		40	131
Height difference	ODU at upper side	50	164
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 refregerant.
- 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

YMGI Group

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