

SUBMITTAL DATA – VRF Outdoor Unit MVC-670WV2WN1 VRF COOL ONLY

Job:	Engineer:
Location:	Architect:
Schedule No.:	Date:
System Designation:	For: □Reference □Approval □Review □Construction

FEATURES

- All DC Inverter Technology
- Floating Evaporating Temperature
- Multi Silent Mode
- Back Up Operation
- Selectable High ESP (Optional)
- Wide Application Range
- Capacity Output Limitation
- Multi Priority Mode
- Auto Dust Cleaning (Optional)
- Anti-corrosion Protection (Optional)
- Auto Addressing
- Intelligent Duty Cycle Operation
- Real-time Refrigerant Amount Monitoring
- Auto Refrigerant Charging (Optional)

SPECIFICATIONS PERFORMANCE Btu/h 228,800 EER Btu/W*h 11.4 Power Input kW 20.1 Heating Capacity¹ Btu/h / COP Btu/W*h / Power Input kW / ELECTRICAL DATA Power Supply V/Ph/Hz 220V,3Ph,50/60Hz Minimum Circuit Ampacity A 91.0 Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan Power Input W 560+560 Outdoor Fan Air A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A </th <th></th> <th></th> <th></th>					
Cooling Capacity¹ Btu/h 228,800 EER Btu/W*h 11.4 Power Input kW 20.1 Heating Capacity¹ Btu/h / COP Btu/W*h / Power Input kW / ELECTRICAL DATA KW / Power Supply V/Ph/Hz 220V,3Ph,50/60Hz Minimum Circuit Ampacity A 91.0 Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan Power Input W 560+560 Outdoor Fan HLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type /					
EER Btu/W*h 11.4 Power Input kW 20.1 Heating Capacity¹ Btu/h / COP Btu/W*h / Power Input kW / ELECTRICAL DATA KW / Power Supply V/Ph/Hz 220V,3Ph,50/60Hz Minimum Circuit Ampacity A 91.0 Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lb					
Power Input kW 20.1 Heating Capacity¹ Btu/h / COP Btu/W*h / Power Input kW / ELECTRICAL DATA KW / Power Supply V/Ph/Hz 220V,3Ph,50/60Hz Minimum Circuit Ampacity A 91.0 Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Sown to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) He			•		
Heating Capacity¹ Btu/h					
COP Btu/W*h / Power Input kW / ELECTRICAL DATA kW / Power Supply V/Ph/Hz 220V,3Ph,50/60Hz Minimum Circuit Ampacity A 91.0 Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan Power Input W 560+560 Outdoor Fan PLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(Ibs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth			20.1		
Power Input kW / ELECTRICAL DATA V/Ph/Hz 220V,3Ph,50/60Hz Minimum Circuit Ampacity A 91.0 Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4)					
ELECTRICAL DATA Power Supply V/Ph/Hz 220V,3Ph,50/60Hz Minimum Circuit Ampacity A 91.0 Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight <td< td=""><td></td><td>=</td><td colspan="2"></td></td<>		=			
Power Supply V/Ph/Hz 220V,3Ph,50/60Hz Minimum Circuit Ampacity A 91.0 Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)		kW	1		
Minimum Circuit Ampacity A 91.0 Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA A 9.2 Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)					
Total Over-current Amps. A 107.0 Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)					
Max. Fuse Amps. A 100.0 Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)					
Compressor RLA A 37.7+37.5 No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)					
No. of Compressors / 2 Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)					
Outdoor Fan Power Input W 560+560 Outdoor Fan FLA A 9.2 GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)					
Outdoor Fan FLA A 9.2 GENERAL DATA 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Ф19.1(Ф3/4) Gas Pipe Connection mm(in.) Ф31.8 (Ф1-1/4) Net Weight kg(lbs.) 352 (776)		<u> </u>	2		
GENERAL DATA Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)		11	560+560		
Connection Ratio % 50% to 130% Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)	3	A 9.2			
Max. # of Indoor Units / 39 Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)					
Sound Pressure Level dB(A) 64 Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)	Connection Ratio	%	50% to 130%		
Outdoor Fan Air Volume m³/h(CFM) 19,600(11,536) Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)	Max. # of Indoor Units	/ 3			
Refrigerant type / R410A Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height Midth (1585(62-3/8)) 1615(63-9/16) Width (1585(62-3/8)) Depth (765(30-1/8)) 765(30-1/8) Liquid Pipe Connection (10.2) mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection (10.2) mm(in.) Φ31.8 (Φ1-1/4) Net Weight (10.2) kg(lbs.) 352 (776)	Sound Pressure Level	dB(A) 64			
Factory refrigerant charge kg(lbs.) 19(41.9) DIMENSIONS Unit Dimensions mm(in.) Height 1615(63-9/16) Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)	Outdoor Fan Air Volume	m ³ /h(CFM)	19,600(11,536)		
DIMENSIONS Unit Dimensions mm(in.) Height Width 1585(62-3/8) Depth 765(30-1/8) Liquid Pipe Connection mm(in.). Φ19.1(Φ3/4) Gas Pipe Connection mm(in.). Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)	Refrigerant type	/ R410A			
Unit Dimensions mm(in.) Height Width 1585(62-3/8) 1615(63-9/16) Width Depth 765(30-1/8) The peth 765(30-1/8) Liquid Pipe Connection mm(in.) Φ19.1(Φ3/4) Gas Pipe Connection mm(in.) Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)	Factory refrigerant charge	kg(lbs.)	g(lbs.) 19(41.9)		
Width Depth 1585(62-3/8) Liquid Pipe Connection mm(in.). Φ19.1(Φ3/4) Gas Pipe Connection mm(in.). Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)	DIMENSIONS				
Depth 765(30-1/8) Liquid Pipe Connection mm(in.). Φ19.1(Φ3/4) Gas Pipe Connection mm(in.). Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)	Unit Dimensions mm(in.)	Height	Height 1615(63-9/16)		
Liquid Pipe Connection $mm(in.)$. $\Phi 19.1(\Phi 3/4)$ Gas Pipe Connection $mm(in.)$. $\Phi 31.8 (\Phi 1-1/4)$ Net Weight $kg(lbs.)$ $352 (776)$		Width 1585(62-3/8)			
Gas Pipe Connection mm(in.). Φ31.8 (Φ1-1/4) Net Weight kg(lbs.) 352 (776)		Depth	765(30-1/8)		
Net Weight kg(lbs.) 352 (776)	Liquid Pipe Connection	mm(in.). Φ19.1(Φ3/4			
	Gas Pipe Connection	mm(in.). Ф31.8 (Ф1-1/4)			
Shipping Weight kg(lbs.). 376 (829)	Net Weight	kg(lbs.) 352 (776)			
	Shipping Weight	kg(lbs.).	376 (829)		



OPTIONAL ACCESSORIES

1. Cooling and Heating Capacity data is rated at the following conditions:

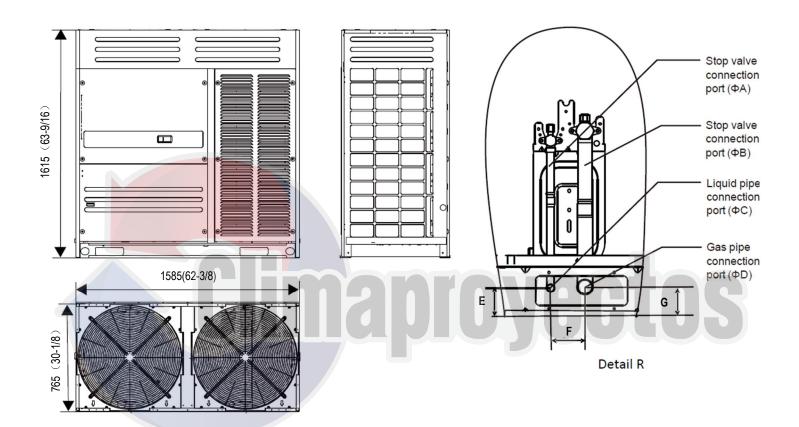
Cooling: 80.6°FDB / 66.2°FWB Indoor, 95°FDB Outdoor;

Heating: 68°FDB Indoor, 44.6°FDB / 42.8°FWB Outdoor;



SUBMITTAL DATA – VRF Outdoor Unit MVC-670WV2WN1 VRF COOLING ONLY

DIMENSION mm(in.)



A	В	С	D	E	F	G
Ф19.1(3/4'')	Ф35.0(1-3/8")	Ф19.1(3/4'')	Ф31.8(1-1/4")	63(2-15/32'')	74(2-7/8")	64(2-17/32'')