

# SUBMITTAL DATA – VRF Outdoor Unit MVC-335WV2WN1 VRF COOLING ONLY

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Location:

- Schedule No.:
- System Designation:

#### **FEATURES**

- All DC Inverter Technology
- Floating Evaporating Temperature
- Multi Silent Mode
- Back Up Operation
- Selectable High ESP (Optional)
- Wide Application Range

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- Capacity Output Limitation
   Multi Priority Mode
- Auto Dust Cleaning (Optional)
- Anti-corrosion Protection (Optional)

Engineer:

Architect:

Date:

For: 
Reference 
Approval 
Review 
Construction

- Auto Addressing
- Intelligent Duty Cycle Operation
- Real-time Refrigerant Amount Monitoring
- Auto Refrigerant Charging (Optional)

PERFORMANCE           Cooling Capacity1         Btu/h         114,400           EER         Btu/W*h         12.8           Power Input         kW         8.90           Heating Capacity1         Btu/W*h         //           COP         Btu/W*h         //           Power Input         kW         //           Power Input         Btu/W*h         //           ELECTRICAL DATA         220V,3Ph,50/60Hz           Power Supply         V/Ph/Hz         220V,3Ph,50/60Hz           Minimum Circuit Ampacity         A         43.0           Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         38.65           No. of Compressors         //         11           Outdoor Fan Power Input         W         44.4           GENERAL DATA         A         44.4           GENERAL DATA         20         20           Outdoor Fan FLA         A         4.4           GENERAL DATA         20         20           Outdoor Fan Air Volume         m³/h(CFM)         10.800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8	SPECIFICATIONS		
EER         Btu/W*h         12.8           Power Input         kW         8.90           Heating Capacity1         Btu/h         /           COP         Btu/W*h         //           Power Input         kW         //           Power Input         kW         //           Power Supply         V/Ph/Hz         220V,3Ph,50/60Hz           Minimum Circuit Ampacity         A         43.0           Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         50.0           Compressor RLA         A         38.65           No. of Compressors         /         1           Outdoor Fan PLA         A         44.4           GENERAL DATA         A         44.4           GENERAL DATA         20         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS         Unit Dimensions mm(in.)         Height <td< td=""><td>PERFORMANCE</td><td></td><td></td></td<>	PERFORMANCE		
Power Input         kW         8.90           Heating Capacity <sup>1</sup> Btu/h         /           COP         Btu/W*h         //           Power Input         kW         //           Power Supply         V/Ph/Hz         220V,3Ph,50/60Hz           Minimum Circuit Ampacity         A         43.0           Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         50.0           Compressor RLA         A         38.65           No. of Compressors         /         1           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         4.4           GENERAL DATA         A         4.4           GENERAL DATA         20         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS         Unit Dimensions mm(in.)         Height         1615(63-9/16)           Unit Dimensions mm(in.)<	Cooling Capacity <sup>1</sup>	Btu/h	114,400
Heating Capacity1         Btu/h         //           Heating Capacity1         Btu/W*h         //           COP         Btu/W*h         //           Power Input         kW         //           ELECTRICAL DATA          220V,3Ph,50/60Hz           Minimum Circuit Ampacity         A         43.0           Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         49.4           Max. Fuse Amps.         A         38.65           No. of Compressors         /         1           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         4.4           GENERAL DATA         A         4.4           GENERAL DATA          4.4           GENERAL DATA          20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS           960(37-13/16)           Unit Dimensions mm(in.)         Height         1615(	EER	Btu/W*h	12.8
COP         Btu/W*h         /           Power Input         kW         /           ELECTRICAL DATA         -/           Power Supply         V/Ph/Hz         220V,3Ph,50/60Hz           Minimum Circuit Ampacity         A         43.0           Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         50.0           Compressor RLA         A         38.65           No. of Compressors         /         1           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         44.4           GENERAL DATA         A         44.4           GENERAL DATA         A         4.4           GENERAL DATA         20         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         600           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS         Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)	Power Input	kW	8.90
Power Input         kW         /           ELECTRICAL DATA         -           Power Supply         V/Ph/Hz         220V,3Ph,50/60Hz           Minimum Circuit Ampacity         A         43.0           Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         38.65           No. of Compressors RLA         A         38.65           No. of Compressors         /         1           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         44.4           GENERAL DATA         A         44.4           GENERAL DATA         20         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS	Heating Capacity <sup>1</sup>	Btu/h	/
ELECTRICAL DATA           Power Supply         V/Ph/Hz         220V,3Ph,50/60Hz           Minimum Circuit Ampacity         A         43.0           Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         38.65           No. of Compressor RLA         A         38.65           No. of Compressors         /         11           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         4.4.4           GENERAL DATA         A         4.4.4           Connection Ratio         %         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS         Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         Depth         765(30-1/8)           Liquid Pipe Connection         mm(in.).         Ф28.6 (Ф1-1/8)           Net Weight         kg(lbs.)         193 (425) <td>COP</td> <td>Btu/W*h</td> <td>/</td>	COP	Btu/W*h	/
Power Supply         V/Ph/Hz         220V,3Ph,50/60Hz           Minimum Circuit Ampacity         A         43.0           Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         50.0           Compressor RLA         A         38.65           No. of Compressors         /         1           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         4.4           GENERAL DATA         A         4.4           Connection Ratio         %         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS         Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         Depth         765(30-1/8)           Liquid Pipe Connection         mm(in.).         Ф12.7 (Ф1/2)         Gas Pipe Connection         mm(in.).         193 (425)	Power Input	kW	/
Minimum Circuit Ampacity         A         43.0           Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         50.0           Compressor RLA         A         38.65           No. of Compressors         /         1           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         44.4           GENERAL DATA         A         44.4           Connection Ratio         %         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS         Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         Depth         765(30-1/8)           Liquid Pipe Connection         mm(in.).         Ф12.7 (Ф1/2)         Gas Pipe Connection         mm(in.).         Ф28.6 (Ф1-1/8)           Net Weight         kg(lbs.)         193 (425)         193 (425)	ELECTRICAL DATA		
Total Over-current Amps.         A         49.4           Max. Fuse Amps.         A         50.0           Compressor RLA         A         38.65           No. of Compressors         /         1           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         4.4           GENERAL DATA         A         4.4           Connection Ratio         %         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS         Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         960(37-13/16)         960(37-13/16)           Depth         765(30-1/8)         110,20         110,20           Gas Pipe Connection         mm(in.).         Ф28.6 (Ф1-1/8)         193 (425)           Net Weight         kg(lbs.)         193 (425)         193 (425)	Power Supply	V/Ph/Hz	220V,3Ph,50/60Hz
Max. Fuse Amps.         A         50.0           Compressor RLA         A         38.65           No. of Compressors         /         1           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         4.4           GENERAL DATA         A         4.4           Connection Ratio         %         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m <sup>3</sup> /h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS         Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         960(37-13/16)           Depth         765(30-1/8)         1042.7 (Φ1/2)           Gas Pipe Connection         mm(in.).         Φ28.6 (Φ1-1/8)           Net Weight         kg(lbs.)         193 (425)	Minimum Circuit Ampacity	Α	43.0
Compressor RLA         A         38.65           No. of Compressors         /         1           Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         4.4           GENERAL DATA          50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m <sup>3</sup> /h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS          960(37-13/16)           Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         1060           Depth         765(30-1/8)         102.7 (Ф1/2)           Gas Pipe Connection         mm(in.).         Ф28.6 (Ф1-1/8)           Net Weight         kg(lbs.)         193 (425)	Total Over-current Amps.	Α	49.4
No. of Compressors/1Outdoor Fan Power InputW560Outdoor Fan FLAA4.4GENERAL DATAConnection Ratio%50% to 130%Max. # of Indoor Units/20Sound Pressure LeveldB(A)60Outdoor Fan Air Volumem³/h(CFM)10,800(6,357)Refrigerant type/R410AFactory refrigerant chargekg(lbs.)8(17.6)DIMENSIONSUnit Dimensions mm(in.)Height1615(63-9/16)Width960(37-13/16)Depth765(30-1/8)Liquid Pipe Connectionmm(in.).Ф12.7 (Ф1/2)Gas Pipe Connectionmm(in.).Ф28.6 (Ф1-1/8)Net Weightkg(lbs.)193 (425)	Max. Fuse Amps.	А	50.0
Outdoor Fan Power Input         W         560           Outdoor Fan FLA         A         4.4           GENERAL DATA          50% to 130%           Connection Ratio         %         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS             Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)            Depth         765(30-1/8)            Liquid Pipe Connection         mm(in.).         Ф12.7 (Ф1/2)           Gas Pipe Connection         mm(in.).         Ф28.6 (Ф1-1/8)           Net Weight         kg(lbs.)         193 (425)	Compressor RLA	А	38.65
Outdoor Fan FLA         A         4.4           GENERAL DATA          50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         600           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS         Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         960(37-13/16)         960(37-13/16)           Liquid Pipe Connection         mm(in.).         Ф12.7 (Ф1/2)         Gas Pipe Connection         mm(in.).         Ф28.6 (Ф1-1/8)           Net Weight         kg(lbs.)         193 (425)         193 (425)	No. of Compressors	/	1
GENERAL DATAConnection Ratio%50% to 130%Max. # of Indoor Units/20Sound Pressure LeveldB(A)60Outdoor Fan Air Volumem³/h(CFM)10,800(6,357)Refrigerant type/R410AFactory refrigerant chargekg(lbs.)8(17.6)DIMENSIONSUnit Dimensions mm(in.)Height1615(63-9/16)Width960(37-13/16)Depth765(30-1/8)Liquid Pipe Connectionmm(in.).Ф12.7 (Ф1/2)Gas Pipe Connectionmm(in.).Ф28.6 (Ф1-1/8)Net Weightkg(lbs.)193 (425)	Outdoor Fan Power Input	W	560
Connection Ratio         %         50% to 130%           Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS          8(17.6)           Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         960(37-13/16)           Depth         765(30-1/8)         1612.7 (Ф1/2)           Gas Pipe Connection         mm(in.).         Ф28.6 (Ф1-1/8)           Net Weight         kg(lbs.)         193 (425)		А	4.4
Max. # of Indoor Units         /         20           Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS          8(17.6)           Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         960(37-13/16)           Depth         765(30-1/8)         1612.7 (Φ1/2)           Gas Pipe Connection         mm(in.).         Φ28.6 (Φ1-1/8)           Net Weight         kg(lbs.)         193 (425)	GENERAL DATA		
Sound Pressure Level         dB(A)         60           Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS          8(17.6)           Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         960(37-13/16)           Depth         765(30-1/8)         1612.7 (Ф1/2)           Gas Pipe Connection         mm(in.).         Ф28.6 (Ф1-1/8)           Net Weight         kg(lbs.)         193 (425)	Connection Ratio	%	50% to 130%
Outdoor Fan Air Volume         m³/h(CFM)         10,800(6,357)           Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS          8(17.6)           Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         960(37-13/16)           Depth         765(30-1/8)         765(30-1/8)           Liquid Pipe Connection         mm(in.).         Φ12.7 (Φ1/2)           Gas Pipe Connection         mm(in.).         Φ28.6 (Φ1-1/8)           Net Weight         kg(lbs.)         193 (425)	Max. # of Indoor Units	/	20
Refrigerant type         /         R410A           Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS             Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)            Depth         765(30-1/8)            Liquid Pipe Connection         mm(in.).         Φ12.7 (Φ1/2)           Gas Pipe Connection         mm(in.).         Φ28.6 (Φ1-1/8)           Net Weight         kg(lbs.)         193 (425)	Sound Pressure Level	dB(A)	60
Factory refrigerant charge         kg(lbs.)         8(17.6)           DIMENSIONS	Outdoor Fan Air Volume	m <sup>3</sup> /h(CFM)	10,800(6,357)
DIMENSIONS         Height         1615(63-9/16)           Unit Dimensions mm(in.)         Height         960(37-13/16)           Width         960(37-13/16)           Depth         765(30-1/8)           Liquid Pipe Connection         mm(in.).         Φ12.7 (Φ1/2)           Gas Pipe Connection         mm(in.).         Φ28.6 (Φ1-1/8)           Net Weight         kg(lbs.)         193 (425)	Refrigerant type	/	R410A
Unit Dimensions mm(in.)         Height         1615(63-9/16)           Width         960(37-13/16)         960(37-13/16)           Depth         765(30-1/8)         765(30-1/8)           Liquid Pipe Connection         mm(in.).         Ф12.7 (Ф1/2)           Gas Pipe Connection         mm(in.).         Ф28.6 (Ф1-1/8)           Net Weight         kg(lbs.)         193 (425)	Factory refrigerant charge	kg(lbs.)	8(17.6)
Width         960(37-13/16)           Depth         765(30-1/8)           Liquid Pipe Connection         mm(in.).           Φ12.7 (Φ1/2)           Gas Pipe Connection         mm(in.).           Net Weight         kg(lbs.)	DIMENSIONS		
Depth         765(30-1/8)           Liquid Pipe Connection         mm(in.).         Φ12.7 (Φ1/2)           Gas Pipe Connection         mm(in.).         Φ28.6 (Φ1-1/8)           Net Weight         kg(lbs.)         193 (425)	Unit Dimensions mm(in.)	Height	1615(63-9/16)
Liquid Pipe Connection         mm(in.).         Φ12.7 (Φ1/2)           Gas Pipe Connection         mm(in.).         Φ28.6 (Φ1-1/8)           Net Weight         kg(lbs.)         193 (425)		Width	960(37-13/16)
Gas Pipe Connection         mm(in.).         Φ28.6 (Φ1-1/8)           Net Weight         kg(lbs.)         193 (425)		Depth	765(30-1/8)
Net Weight kg(lbs.) 193 (425)	Liquid Pipe Connection	mm(in.).	Φ12.7 (Φ1/2)
	Gas Pipe Connection	mm(in.).	Ф28.6 (Ф1-1/8)
Shipping Weightkg(lbs.).209 (461)	Net Weight	kg(lbs.)	193 (425)
	Shipping Weight	kg(lbs.).	209 (461)



### 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;

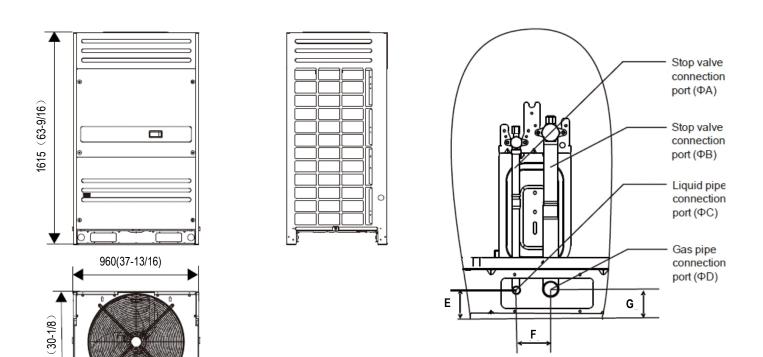
NOTE – Due to Midea' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.



## SUBMITTAL DATA – VRF Outdoor Unit MVC-335WV2WN1 VRF COOLING ONLY

#### DIMENSION mm(in.)

765



Detail R

Α	В	С	D	E	F	G
Φ12.7(1/2")	Ф25.4(1'')	Ф12.7(1/2")	Ф28.6(1-1/8")	63(2-15/32")	74(2-7/8")	64(2-17/32")