

Mini VRF Inverter Technology VRF Indoor Units



OUTDOOR UNIT SPECIFICATIONS

Model			MDV-V36WMN10T	MDV-V48WMN10T	MDV-V60WMN10T
Nominal Size - Tons			3	4	5
Cooling ¹	Capacity	Btu/h	36000	48000	60000
	EER2	Btu/W	13.3	11.7	9.5
	SEER2	Btu/W	20	20	19.5
Heating ²	Capacity	Btu/h	40000	50000	60000
	COP2	W/W	4.1	3.9	3.9
	HSPF IV	Btu/W	10.1	10.1	10.1
	HSPF V	Btu/W	7.5	7	6.6
Heating ³	Capacity	Btu	34000	40000	42000
	COP	W/W	2	2	1.9
	Capability ratio	%	85%	80%	70%
Ambient Temperature Range	Cooling (DB)	°F	5 ~ 125		
	Heating (DB)	°F	-22 ~ 86		
Refrigerant	Type		R-454B	R-454B	R-454B
	Charge Amount -	oz.	109.3	144.6	144.6
Connections	Liquid pipe	in. (I.D.)	3/8	3/8	3/8
	Gas pipe (low pressure)	in. (I.D.)	5/8	3/4	3/4
	Total pipe length (actual)	ft.	984	984	984
	Longest pipe length (actual)	ft.	296	296	296
Connectable Indoor Units	Total capacity	%	50-130	50-130	50-130
	Maximum IDU quantity		5 units	7 units	9 units
Unit	Net dimensions (WxHxD)	in.	40-11/16x34x20-9/16	38-1/2x52-1/4x15-3/4	
	Packed dimensions (WxHxD)	in.	44-1/16 x 38-9/16 x 22-1/16	42-5/8 x 56-1/2 x 17-1/8	
	Net/Gross Weight	lbs	207/229	227/249	
Sound Data		dB(A)	59	60	

AtomX Outdoor Unit Lineup

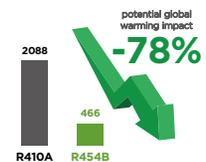


Wide Operating Range

AtomX Series can operate at temperatures as low as -22°F for heating and up to 125°F for cooling.

R454B Refrigerant

- ECO Friendly**
 - Lower GWP 466
 - Less greenhouse gases emission
- Better Performance**
 - Higher heat transfer coefficient
 - Less pressure loss
 - Higher heat recovery efficiency



R454B is a lower GWP, better performance refrigerant that is kinder to the environment.

Long Piping Capability

The AtomX can support a total piping length of up to 984ft, an installation height difference of up to 164ft between indoor and outdoor units and up to 49ft between indoor units, making the AtomX perfectly suitable for small and medium-sized buildings.

