

INDOOR UNIT

MVZ MULTI-POSITION AIR HANDLING UNITS

Product Overview

Introducing the new multi-positioned ducted air handler that will effectively round out a solution to cool and heat a large zone or entire home. The MVZ line of multi-position ducted air handlers connects to an MXZ-C outdoor unit which, along with additional indoor units, create unique Diamond Comfort System that provides high efficiency superior air coverage and precise control. From one room, to every room, we have you covered.



MVZ-A12AA4
MVZ-A18AA4
MVZ-A24AA4
MVZ-A30AA4
MVZ-A36AA4

- ▶ **Performance:** One inch foam R4.2, fiberglass-free insulation reduces condensation and boosts efficiency.
- ▶ **Quality:** durable, powder coated cabinet.
- ▶ **Serviceability:** easily removable fan provides access for coil cleaning.
- ▶ **Flexibility:** true multi-position, requiring no additional kits for downflow configuration.
- ▶ **Installation:** quality construction with disassembly in mind to make fitting through tight access points simple.
- ▶ **Comfort:** DC motor ensures quiet and efficient operation year round.
- ▶ **Low Impact:** Fully RoHS compliant to reduce carbon footprint.
- ▶ **Quality:** Positively pressurized cabinet and tested air leakage less than 1%.

Model		MVZ-A12AA4	MVZ-A18AA4	MVZ-A24AA4	MVZ-A30AA4	MVZ-A36AA4
Cabinet		Small	Small	Small	Medium	Medium
Cooling Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000
Heating Capacity	Btu/h	13,500	20,000	27,000	34,000	40,000
Airflow (H-M-L)	CFM	400-340-280	585-497-410	735-625-515	875-744-613	1095-931-767
ESP	In. W.G.	0.30-0.50-0.80				
Sound (H-M-L)	dB(A)	34-33-33	36-35-35	39-38-37	39-39-37	39-38-37
Height	In.	50-1/2			54-1/4	
Width	In.	17			21	
Depth	In.	21				
Weight	Lbs.	101			126	

Notes:

- Rating conditions (Cooling) Indoor : 80°F [26.7°C] D.B., 67°F [19.4°C] W.B. Outdoor : 95°F [35°C] D.B.
- Rating conditions (Heating) Indoor : 70°F [21.1°C] D.B. Outdoor : 47°F [8.3°C] D.B., 43°F [6.1°C] W.B.
- The indicated capacity is the value when one indoor unit is connected to the outdoor unit.
- Specifications subject to change without notice.
- The external static pressure is set to 0.50 in. WG (125 Pa) at factory shipment.

Model	Configuration	SEER	EER	HSPF	COP @ 47F	COP @ 17F
MXZ-3C24NA	Mixed	18.00	12.40	9.50	4.00	2.79
	Ducted	16.00	11.20	9.20	3.80	2.61
MXZ-3C30NA	Mixed	17.60	10.10	10.10	3.77	2.78
	Ducted	16.20	9.60	9.60	3.64	2.78
MXZ-4C36NA	Mixed	17.60	9.05	10.40	3.38	2.61
	Ducted	16.00	8.70	9.80	3.25	2.54
MXZ-5C42NA	Mixed	17.45	9.10	9.70	3.58	2.39
	Ducted	15.20	9.00	9.10	3.47	2.35
MXZ-8C48NA	Mixed	16.80	10.75	10.75	3.46	2.45
	Ducted	14.70	9.50	10.10	3.17	2.30
MXZ-2C20NAHZ	Mixed	16.00	12.25	9.65	3.85	2.65
	Ducted	15.00	11.00	9.50	3.69	2.53
MXZ-3C24NAHZ	Mixed	17.25	11.75	9.50	4.03	2.52
	Ducted	15.50	10.00	9.00	3.80	2.51
MXZ-3C30NAHZ	Mixed	17.00	11.40	10.40	3.85	2.58
	Ducted	16.00	10.30	9.80	3.70	2.50
MXZ-4C36NAHZ	Mixed	17.45	12.67	10.70	3.53	2.58
	Ducted	15.80	11.30	10.10	3.10	2.30
MXZ-5C42NAHZ	Mixed	17.00	12.11	10.55	3.67	2.68
	Ducted	15.00	10.80	10.10	3.23	2.50
MXZ-8C48NAHZ	Mixed	16.80	10.75	10.50	3.46	2.55
	Ducted	14.70	9.50	10.00	3.17	2.40

MVZ Model	Standard MXZ Models						Hyper-Heating INVERTER™ MXZ Models					
	MVZ-2B20NA-1	MVZ-3C24NA	MVZ-3C30NA	MVZ-4C36NA	MVZ-5C42NA	MVZ-8C48NA	MVZ-2C20NAHZ	MVZ-3C24NAHZ	MVZ-3C30NAHZ	MVZ-4C36NAHZ	MVZ-5C42NAHZ	MVZ-8C48NAHZ
MVZ-A12AA4		X	X	X	X	X	X	X	X	X	X	X
MVZ-A18AA4		X	X	X	X	X	X	X	X	X	X	X
MVZ-A24AA4			X	X	X	X			X	X	X	X
MVZ-A30AA4						X				X	X	X
MVZ-A36AA4						X					X	X