



MMVT Series 28" Deep with DX Cooling

Uncased Horizontal Ceiling Mounted Air Handler

Standard Features

- High performance constant torque blower design.
- High efficiency AC "A" coil design.
- Galvanized steel blower wheels and housings.
- Fully insulated cabinet and door.
- Designed and pre-wired for cooling, heating and heat pump operation.
- Standard control transformer is 120 VAC primary/ 24 VAC secondary/ 40 VA.
- Secondary circuit of the transformer is grounded per UL60335-2-40 requirements.
- Meets UL60335-2-40; A2L RDS requirements with R-32 or R-454B TXV's.
- Meets ASHRAE standard 193 low leak requirements.
- Primary and secondary condensate pan drain connections.
- Easy access for service and maintenance.
- Side and bottom return options.
- Designed to replace existing residential gas furnaces.
- Available sizes are 14 ½" x 28", 17 ½" x 28", 21" x 28" and 24 ½" x 28"
- High efficiency copper tube and aluminum fin coils.
- For used in elevations of 10,000 ft (3,047m) or less.

MMVT Series DX Cooling with Electric Heat

Description: Uncased Horizontal Ceiling Mounted Air Handler

The MMVT is meticulously designed with dimensions compatible with most gas furnaces ensuring a seamless transition. Standing at just 30 inches in height, the MMVT minimizes the need for extensive ductwork modifications during installation.

The air handler is available with optional field instilled electric heaters requiring a separate 120/1/60 supply line for the air handler and 208/240/1/60 supply for the electric heaters.

Multiple installation options, including vertical up-flow, vertical down-flow, or horizontal positions with bottom or side return options. DX cooling and airflow options from 1.5 to 5 tons.

MMVT includes multiple electrical knockouts for easy access to the control box., These units are ETL listed.

Air Handler Model Specifications

Model No.	Blower Motor HP	Blower Code	Blower Motor Voltage	Blower Motor FLA	Blower Size
MMVT24A,36A	1/2	VL1 or VL2	120/1/60	4.79	10 x 6
MMVT36B,48B	3/4	VL1 or VL2	120/1/60	6.12	10 x 8
MMVT48C, 60C, 60D	3/4	VL1 or VL2	120/1/60	7.48	12 x 9T
MMVT60D	3/4	VL1 or VL2	120/1/60	7.26	12 x 9R

Transformer Specifications:

Primary: 115/1/60

Secondary 24/1/60 – 40 VA

Field Installed Electric Heater Data

Model No.	Nominal Tons	Electric Heater kW	Unit Voltage/ PH/ HZ	Electric Heater Voltage/ PH/ HZ	Thermostat Voltage/ PH/ HZ	Max. External Duct Pressure (inwc)
MMVT24A,36A	1.5 - 3.0	5, 10	120/1/60	208/240/1/60	24/1/60	0.5
MMVT36B,48B	1.5 - 3.0	5, 10, 15	120/1/60	208/240/1/60	24/1/60	0.5
MMVT48C, 60C, 60D	1.5 - 3.0	5, 10, 15, 20	120/1/60	208/240/1/60	24/1/60	0.5
MMVT60D	1.5 - 3.0	5, 10, 15, 20	120/1/60	208/240/1/60	24/1/60	0.5

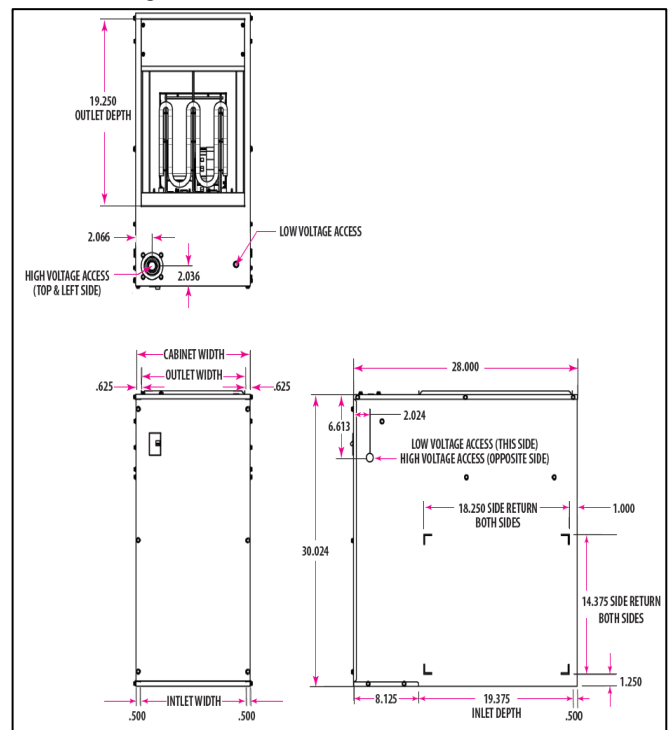
Field Installed Options

- 208/240/1/60 VAC Electric heat kits are available in 5kW, 10kW, 15kW and 20 kW.

Air Filter Base Kit Information and Filter Size

Kit Number	Kit Size	Unit Size Letter	Filter Size
86ET0004	Extra Small	A	14" x 25"
86ET0005	Small	B	16" x 25"
86ET0006	Medium	C	20" x 25"
86ET0007	Large	D	24" x 25"

Physical Dimensions



Dimension Table

Model Number	Cabinet Width	Inlet Width	Outlet Width
MMVT24A,36A	14.25"	13.25"	13.00"
MMVT36B,48B	17.50"	16.50"	16.25"
MMVT48C, 60C, 60D	21.00"	20.00"	19.75"
MMVT60D	25.50"	23.50"	23.25"

Clearance to Combustibles

MODEL	TOP (in)	BACK (in)	SIDES (in)	FRONT OF FURNACE		DUCT (in)
				ALCOVE (in)	CLOSET (in)	
ELECTRIC	0	0	0	30	6	1

