

45VMH
VRF High Static Ducted Unit
45VMH096---3



Submittal Data

Job Name _____ Location _____
 Tag _____



VRF High Static Ducted Features

- The unit uses R-454B as a refrigerant.
- Seven sizes from 24,000 to 96,000 Btu/h.
- 208/230V DC motor.
- Internally Installed A2L Refrigerant Leak Sensor.
- Built-in connection for a 3rd-party 24V thermostat.
- Unit capable of constant fan speed or constant airflow.

Fig. 1 – High Static Ducted Unit

A261279

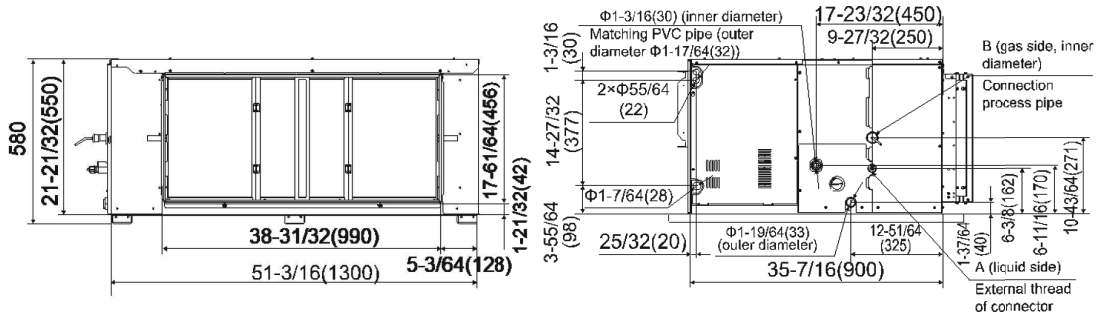
UNIT MODEL		45VMH096---3
PERFORMANCE		
Cooling Capacity	Btu/h	96,000
Heating Capacity	Btu/h	108,000
Airflow (Highest to Lowest)	CFM	2753/2615/2476/2338/ 2200/2062/1923
System Sound Pressure (Highest to Lowest)	dBA	54/53/51/50/48/47/45
External Static Pressure (ESP)	in.WG	1.2
ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/1/60
Minimum Circuit Amps (MCA)	A	7.68
Maximum Overcurrent Protection (MOP)	A	15
Filter		
Dimensions (W x L x D)	in.	37-5/8 x 10-23/64 x 11/16
MERV Rating		5

Accessories

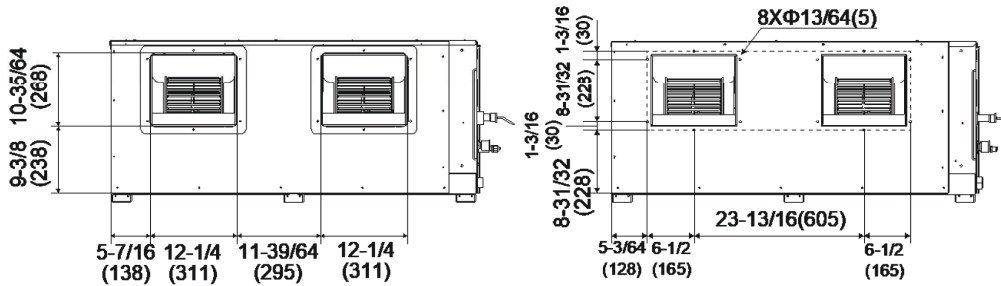
- Wireless Remote Controller — 45VM900001
- Programmable Wired Remote Controller — 45VM900002
- Touchscreen Programmable Wired Remote Controller — 45VM900003
- Touchscreen Central Controller — 45VM900006A
- Multi-Protocol Gateway — 45VM900052A

MOTOR		
Motor Type	DC	
Motor Output	W	920
PHYSICAL DATA		
Pipe Connection Size - Gas (Low Pressure)	in.	7/8
Pipe Connection Size - Liquid (High Pressure)	in.	1/2
Pipe Connection Size - Drain Pipe	in.	1-1/4
Refrigerant	R-454B	
Unit Width	in.	51-3/16
Unit Height	in.	21-21/32
Unit Depth	in.	41-7/16
Unit Net Weight	lbs.	293.2

HIGH STATIC DUCTED UNIT 45VMH096---3 DIMENSIONAL DRAWING



Dimensions of the air outlets:



Dimensions of lugs and the screw hole of air outlet/inlet flange:

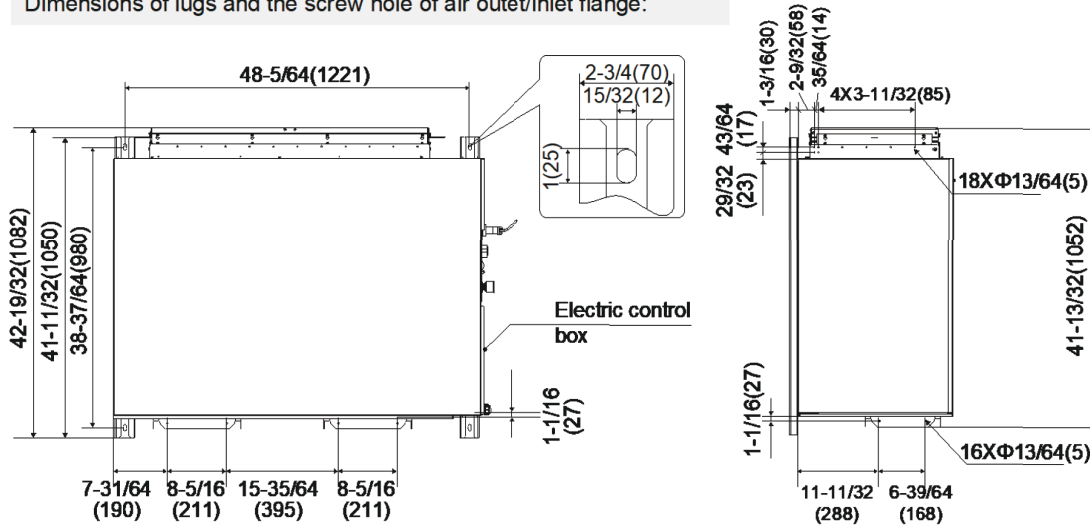


Fig. 2 – Dimensional Drawing — 72-96 kBtu/h

Table 1 – Dimensional Drawing Key

Capacity	A	B
72kBtu/h	5/8-18 UNF	$\Phi 3/4$ (19.1)
96kBtu/h	3/4-16 UNF	$\Phi 7/8$ (22.2)



A261277A