

45VMH
VRF High Static Ducted Unit
45VMH054---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		45VMH054---3
PERFORMANCE		
Cooling Capacity	Btu/h	54,000
Heating Capacity	Btu/h	60,000
Airflow (Highest to Lowest)	CFM	1589/1509/1429/1350 /1270/1191/1111
System Sound Pressure (Highest to Lowest)	dBA	50/48/47/46/44/43/41
External Static Pressure (ESP)	in.WG	1.0
ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/1/60
Minimum Circuit Amps (MCA)	A	5.04
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	560
PHYSICAL DATA		
Pipe Connection Size - Gas (Low Pressure)	in.	5/8
Pipe Connection Size - Liquid (High Pressure)	in.	3/8
Pipe Connection Size - Drain Pipe	in.	1
Refrigerant	R-454B	
Unit Width	in.	55-1/8
Unit Height	in.	11-3/4
Unit Depth	in.	32-3/4
Unit Net Weight	lbs.	139.8

Capacity	A	B	C	D	E	F	G	H	I
24~30kBu/h	41-11/32 (1050)	33-15/32 (850)	37 (940)	8-21/32 (220)	5-3/4 (146)	37-5/8 (956)	43-1/8 (1095)	7/8-14 UNF	5/8-18 UNF
36~54kBu/h	55-1/8 (1400)	47-1/4 (1200)	50-25/32 (1290)	8-21/32 (220)	8-3/8 (213)	51-7/16 (1306)	56-7/8 (1445)	7/8-14 UNF	5/8-18 UNF

[illegible]

Technical drawing of the front view of the electric control box. The drawing shows a rectangular unit with a top panel, a middle section with 12 circular indicators, and a bottom section. Dimensions are provided in inches and millimeters. A callout shows a detailed view of the mounting flange with dimensions: 35/64(14) for the top flange, 33/64(13) for the bottom flange, 15/32(12) for the central hole, 1-3/8(35) for the central hole diameter, and 2-9/16(65) for the total height of the flange assembly. The main dimensions include a total width 'G', a height of 24-13/16(630), and a bottom flange height of 2-9/16(65).

