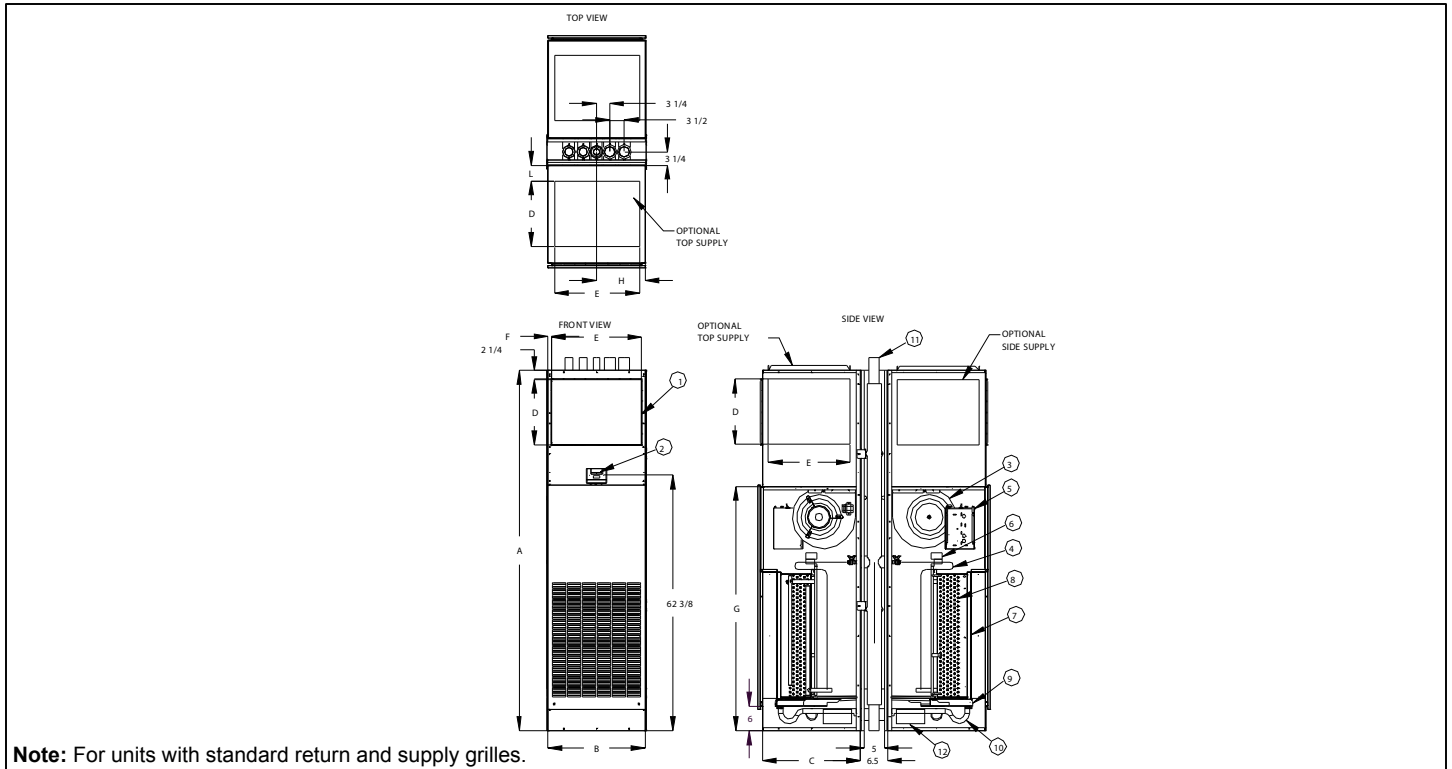


## VSM

Fan Coil Unit

Vertical Stack Recessed Master



Model	Dimensions (inches)							Filter	Approx. Weight (lb)
	A	B	C	D	E	F			
VSM03	88	17	17	10	12	57 3/4	13x23x1	230	
VSM04	88	17	17	10	16	57 3/4	13x23x1	240	
VSM06	88	20	20	12	16	57 3/4	16x27x1	270	
VSM08	88	20	20	12	18	57 3/4	16x27x1	280	
VSM10	88	24	24	14	20	60 3/4	20x31x1	310	
VSM12	88	24	24	16	22	60 3/4	20x31x1	320	

1. Supply air opening
2. Unit-mounted thermostat
3. Blower / motor assembly
4. Expansion loop
5. Electrical junction box
6. Valve package
7. Filter
8. Coil assembly
9. Condensate pan
10. See-through P-Trap drain
11. Riser
12. 1-hour firewall
13. Pipe chase plate
14. Fresh air damper opening (optional)  
4" x 8" w/ duct collar

## Accessories (Optional)

Check  if provided.

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Thermostat Quick Connect                           | <input type="checkbox"/> Washable Filter                      | <input type="checkbox"/> Type L Copper Riser               |
| <input type="checkbox"/> Control Transformer & Fan Relays                   | <input type="checkbox"/> Fuse                                 | <input type="checkbox"/> 3/4" Riser Insulation             |
| <input type="checkbox"/> Aquastat Changeover Switch                         | <input type="checkbox"/> Additional Supply Location           | <input type="checkbox"/> 1" Matte-Faced Cabinet Insulation |
| <input type="checkbox"/> Manual Damper <input type="checkbox"/> Auto Damper | <input type="checkbox"/> Additional Supply Grille             |  |
| <input type="checkbox"/> Motor Quick Disconnect                             | <input type="checkbox"/> Custom Return Grille / Access Panel  |  |
|   | <input type="checkbox"/> Special Grille Color _____ (specify) |  |

## Accessories (Optional)

Coil - 3/8" O.D. Copper Tube; 10 Fins/Inch Aluminum, Sine Wave

### 2-Pipe

- 2-Row (STD.)   
  3-Row (STD.)   
  4-Row (STD.)   
  5-Row

### 4-Pipe (Cooling Rows/Heating Rows)

- 2/1-Row (STD.)   
  3/1-Row (STD.)   
  3/2-Row   
  4/1-Row
- Chilled Water Cooling                     
  Hot Water Heating
- Glycol Cooling                                     
  Glycol Heating

### Motor(s) - 3 speed PSC

Standard  
115V/60Hz/1ph

Model	HP	Total
VSM03	1/8	2.6
VSM04	1/8	2.6
VSM06	1/8	2.6
VSM08	1/8	2.6
VSM10	1/8	2.6
VSM12	1/3	5.8

### Optional:

- 208V/60Hz/1ph  
 230V/60Hz/1ph  
 277V/60Hz/1ph

### Features:

- Automatic Reset
- Thermal Overload Protection System
- Sleeve Bearings

### Electric Heat (Single Phase)

#### Heater Voltage

- 115V  
 208V  
 230V  
 277V

		Electric Heater kW Primary or Supplementary			
		115 Volts	208 Volts	230 Volts	277 Volts
Size	Blowers	Min-Max kW	Min-Max kW	Min-Max kW	Min-Max kW
03	1	1-1.5 kW	1-2 kW	1-2 kW	1-2.5 kW
04	1	1-1.5 kW	1-2 kW	1-2 kW	1-2.5 kW
06	1	1-2.5 kW	1-3 kW	1-3 kW	1-3.5 kW
08	1	1-2.5 kW	1-3 kW	1-3 kW	1-3.5 kW
10	1	1-3 kW	1-3 kW	1-3.5 kW	1-5 kW
12	1	1-3 kW	1-3 kW	1-3.5 kW	1-5 kW

<p><b>Condensate Pan</b></p> <p><input type="checkbox"/> Galvanized (STD.)</p> <p><input type="checkbox"/> Mastic Coating</p> <p><input type="checkbox"/> Stainless Steel Inner Layer</p>	<p>Description: Inner and Outer Layer of 18 gauge Galvanized Sheet Metal with One - Inch Internal Insulation.</p>
---	---

<b>Valves and Valve Accessories</b>	
<input type="checkbox"/> Shut - Off Valve(s) (STD.)	<input type="checkbox"/> Strainer(s)
<input type="checkbox"/> Shut - Off Valve w/ Memory Stop	<input type="checkbox"/> Fixed Flow Control(s)
<input type="checkbox"/> 2 - Way Motorized Valve (STD.)	<input type="checkbox"/> Adjustable Flow Control(s)
<input type="checkbox"/> 3 - Way Motorized Valve	<input type="checkbox"/> Unions
<input type="checkbox"/> 2 - Way Modulating Valve	<input type="checkbox"/> Pete's Plug(s)

## General Description

- This horizontal discharge, vertical stack unit is designed for concealed installations in high-rise hotels, motels, apartment buildings and nursing homes. The risers are incorporated with the unit for quick and economical installation.
- Exterior fabricated of 18 gauge galvanized steel with 1/2" matte-faced liner for maximum thermal and acoustical insulation, unpainted.
- Removable motor/blower assembly mounted on a deck which slides out for easy maintenance.
- Riser assembly for 2 or 4-Pipe system including 1/2" closed cell, flexible elastomeric thermal insulation. Risers are swaged at one end for ease of installation. Extensions are provided for connection to unit on the next floor.
- Throwaway filter.
- Manual Air Vent.
- Aluminum double deflection white supply grille.
- Stamped Steel return air grille/access panel, white with powder polyester coated paint, oven baked.
- Transparent flexible P-Trap drain.
- Line voltage thermostat incorporating 3-speed switch and manual change-over switch.
- 1-Hour fire wall in compliance with ANSI/UL 1479. ETL listed.
- Unit disconnect switch on internal junction box.
- System charged with air to insure a leak free arrival at the job site.
- One 2-Way motorized valve with 2 shut-off valves for 2-Pipe systems and two sets for a 4-Pipe system.

This submittal is meant to demonstrate general dimensions of this product. The drawings are not meant to detail every aspect of the product. Drawings are not to scale. Titus



reserves the right to make changes without written notice.  
**605 Shiloh Road • Plano, Texas 75074 • 972-212-4800**