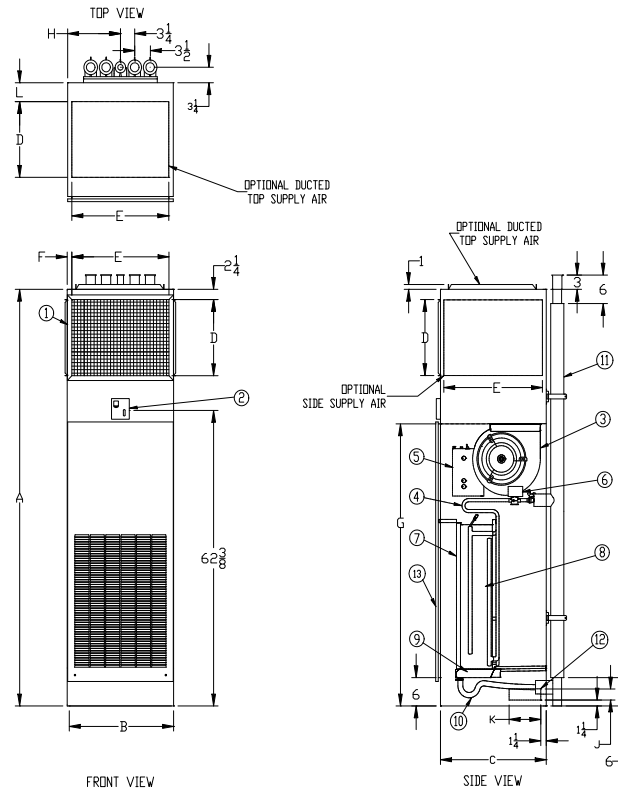


Vertical Stack Hi-Rise Fan Coil Unit



Note: For units with stamped return and basic double deflection supply grilles.

Model	Dimensions - Single Supply Option (inches)												Approx. Weight (lb)
	A	B	C	D	E	F	G	H	J	K	L	Filter	
VSR03	88	17	17	8	15	1	56 5/8	8 1/2	3 1/4	7 3/8	3 1/2	13x23x1	230
VSR04	88	17	17	10	15	1	56 5/8	8 1/2	3 1/4	7 3/8	3 1/2	13x23x1	240
VSR06	88	20	20	10	18	1	56 5/8	10	3 1/4	8 7/8	4	16x27x1	270
VSR08	88	20	20	12	18	1	56 5/8	10	3 1/4	8 7/8	4	16x27x1	280
VSR10	88	24	24	12	22	1	59 5/8	12	2 3/8	10 7/8	5	20x31x1	310
VSR12	88	24	24	16	22	1	59 5/8	12	2 3/8	10 7/8	4	20x31x1	320

- Supply air grille (optional)
- Unit-mounted thermostat (optional)
- Blower / motor assembly
- Expansion loop
- Electrical junction box
- Valve package (optional)
- Filter
- Coil assembly
- Condensate pan
- See-through P-Trap drain
- Riser assembly
- Fresh air damper opening 4" x 8" w/ duct collar (optional)
- Stamped Return Air/Access panel (optional)

Model	Dimensions - Dual Supply Option (inches)												Approx. Weight (lb)
	A	B	C	D	E	F	G	H	J	K	L	Filter	
VSR03	88	17	17	6	15	1	56 5/8	8 1/2	3 1/4	7 3/8	3 1/2	13x23x1	230
VSR04	88	17	17	6	15	1	56 5/8	8 1/2	3 1/4	7 3/8	3 1/2	13x23x1	240
VSR06	88	20	20	6	18	1	56 5/8	10	3 1/4	8 7/8	4	16x27x1	270
VSR08	88	20	20	6	18	1	56 5/8	10	3 1/4	8 7/8	4	16x27x1	280
VSR10	88	24	24	8	22	1	59 5/8	12	2 3/8	10 7/8	5	20x31x1	310
VSR12	88	24	24	8	22	1	59 5/8	12	2 3/8	10 7/8	4	20x31x1	320

Accessories (Optional)

Submittal FC-VSR-2.0 8-30-11

Check ☒ if provided.

Non-Standard Accessories

- | | | |
|---|---|--|
| ☐ Thermostat Quick Connect | ☐ Washable Filter | ☐ Custom Return Grille / Access Panel |
| ☐ Control Transformer & Fan Relays | ☐ Fuse | ☐ Type L Copper Riser |
| ☐ Aquastat Changeover Switch | ☐ Additional Supply Location | ☐ Type K Copper Riser |
| ☐ Manual Damper ☐ Auto Damper | ☐ Additional Supply Grille | ☐ ¾" Riser Insulation |
| ☐ Motor Quick Disconnect | ☐ Sound and Privacy Baffle | ☐ 1" Matte-Faced Cabinet Insulation |
| | ☐ Special Grille Color _____ (specify) | |

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

2-Pipe

- ☐ 2-Row ☐ 3-Row ☐ 4-Row ☐ 5-Row

4-Pipe (Cooling Rows/Heating Rows)

- ☐ 2/1-Row ☐ 3/1-Row ☐ 4/1-Row
- ☐ Chilled Water Cooling ☐ Hot Water Heating
- ☐ Glycol Cooling ☐ Glycol Heating

Motor(s) - 3 speed PSC

Standard
115V/60Hz/1ph

Optional Standard
Voltages:

Optional High Static
115V/60Hz/1ph

Optional High Static
Voltages:

Model	HP	Total
VSR03	1/10	1.3
VSR04	1/10	1.4
VSR06	1/10	2.0
VSR08	1/4	2.9
VSR10	1/4	4.0
VSR12	1/3	3.7

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

Model	HP	Total
VSR03	1/10	1.6
VSR04	1/10	1.6
VSR06	1/4	2.9
VSR08	1/4	3.5
VSR10	1/4	4.3
VSR12	1/3	4.0

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

Features:

- Automatic Reset
- Thermal Overload Protection System

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

Condensate Pan

- ☐ Single Wall Galvanized (STD.)
- ☐ Single Wall Stainless Steel
- ☐ Double Wall with Galvanized Inner Layer
- ☐ Double Wall with Stainless Steel Inner Layer

Description: Single wall of 18 gauge Galvanized Sheet Metal with 3/8" - Inch Closed Cell Insulation.

Valves and Valve Accessories

- | | |
|--|--|
| ☐ Shut - Off Valve(s) (STD.) | ☐ Strainer(s) |
| ☐ Shut - Off Valve w/ Memory Stop | ☐ Manual Flow Control Valve(s) |
| ☐ 2 - Way Motorized Valve (STD.) | ☐ Automatic Flow Control Valve(s) |
| ☐ 3 - Way Motorized Valve | ☐ Unions |
| ☐ 2 - Way Modulating Valve | ☐ 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 can be provided for connection to unit on the next floor.
- Throwaway filter.
- Manual Air Vent.
- Aluminum double deflection white supply grille. (optional)
- Stamped Steel return air grille/access panel, white with powder polyester coated paint, oven baked. (optional)
- Transparent flexible P-Trap drain.
- 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. (optional)
- Unit disconnect switch on internal junction box. (optional)
- Line voltage thermostat incorporating 3-speed switch. (optional)

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