



Vertical Floor Console Fan Coils

200 - 1,200 CFM

- Slim, compact footprint
- Variety of models for many different applications and configurations
- Attractive, streamlined cabinetry blends with any room decor
- Clean and quiet operation

Whalen Vertical Floor Console Fan Coils

Vertical Flat Top - VWFT Series

The Whalen vertical floor console fan coil flat top (VWFT) comes in a soft-white, powder-coat epoxy finished cabinet and is designed for exposed wall mounting. Most commonly installed under windows, the one-piece, wrap-around front panel is easily removed for servicing. Filters are concealed and can be removed without the need for tools.

Vertical Slope Top - VWST Series

The vertical floor console fan coil with slope top (VWST) is our vertical flat top model, only the cabinet is designed with a full sloping top. The vertical slope top also features solid side panels so that units may be set side by side for long corridor applications. This unit is ideal for any application in which books or materials are likely to be placed over discharge grilles.

Vertical Wrap Slope Top - VWSW Series

Whalen's vertical floor console fan coil with wrap slope top (VWSW) is our vertical slope top, only the cabinet is designed with a wrap-around front panel. The cabinet top is flat for three inches out from the wall to accommodate blinds or draperies, then gradually slopes forward. Ideal for hotel, motel and dormitory rooms, this modified cabinet still discourages items being placed over the discharge grille.

Vertical Concealed - VWCS Series

The slim, compact design of our vertical floor console concealed fan coil (VWCS) is intended for furred-in applications with a field-fabricated, custom enclosure. Housed in a heavy-gauge galvanized steel cabinet and insulated with ½" thick neoprene coated fiberglass, this fan coil is ideal for almost any through-the-wall installation.

Vertical Wall Recessed Cabinet - VWRG Series

The Whalen vertical floor console fan coil with wall recessed cabinet (VWRG) is designed for recessed wall installation where space is limited. The design is well suited for hallways, bathrooms and other smaller areas. The vertical recessed has a soft-white, epoxy powder-coat access panel that's easily removed for service.



Vertical Floor Console Fan Coil Unit Sizes

Model	Nominal CFM	Width (in.)	Depth (in.)	Height (in.)	
VWFT	002	200	39.25	11.3	26.0
	003	300	39.25	11.3	26.0
	004	400	50.25	11.3	26.0
	006	600	55.25	11.3	26.0
	008	800	53.25	13.25	30.0
	010	1,000	61.25	13.25	30.0
	012	1,200	67.25	13.25	30.0
VWST	002	200	39.25	11.3	30.0
	003	300	39.25	11.3	30.0
	004	400	50.25	11.3	30.0
	006	600	55.25	11.3	30.0
	008	800	53.25	13.25	34.0
	010	1,000	61.25	13.25	34.0
	012	1,200	67.25	13.25	34.0
VWSW	002	200	35.3	11.3	30.0
	003	300	35.3	11.3	30.0
	004	400	52.1	11.3	30.0
	006	600	52.1	11.3	30.0
	008	800	57.8	12.0	34.0
	010	1,000	57.8	12.0	34.0
	012	1,200	69.0	12.0	34.0

Model	Nominal CFM	Width (in.)	Depth (in.)	Height (in.)	
VWCS	002	200	28.5	10.0	22.0
	003	300	28.5	10.0	22.0
	004	400	39.5	10.0	22.0
	006	600	44.5	10.0	22.0
	008	800	42.5	12.0	25.5
	010	1,000	50.5	12.0	25.5
	012	1,200	56.5	12.0	25.5
VWRG	002	200	30.0	11.63	30.0
	003	300	30.0	11.63	30.0
	004	400	42.0	11.63	30.0
	006	600	47.0	11.63	30.0
	008	800	47.0	13.35	33.0
	010	1,000	55.0	13.35	33.0
	012	1,200	61.5	13.35	33.0

Benefits that Make a Big Difference

When you consider all of the features of Whalen units, it's easy to see why they deliver so many benefits to contractors and users alike.

Features and Benefits

- Heavy-gauge galvanized steel cabinet with neoprene-coated 1/2" thick fiberglass insulation with 3.35 PCF density.
- Coils are made of 1/2" OD copper tube with aluminum fins (12 FPI) equipped with manual-air vent. Direct Expansion (DX) and steam coils do not include manual-air vent. Coils are 100% underwater pressure tested at 350 PSI with a 300 PSI working pressure.
- Galvanized drain pan is powder-coated epoxy with a 1/8" thick closed-cell insulation and has primary and secondary drain connections.
- Three-speed, 115/1/60, 208/1/50-60 or 277/1/60 PSC motor with quick-connect plug.
- Controls and motors are factory-wired and terminated in a junction box for single-point power supply.
- Stamped, louvered discharge grille on vertical slope top, wrap slope top and recessed.
- Black, bar-type discharge grille on vertical front discharge and modular.
- Multiple, four-way quadrafuser discharge grille on vertical flat top.
- One-inch fiberglass, throwaway filter.
- Designed to be floor or wall-mounted with six mounting holes provided for wall-mounting.
- Individually tagged, crated and shipped as scheduled for installation.
- UL and C-UL approved, ARI certified.

Equipment Options

- EC Constant Torque Motors.
- EC Constant Volume Motors.
- EC Variable Volume (0-10 VDC) Motors.
- Soft-white, powder-coated epoxy cabinet.
- Stainless steel drain pan.
- Insulation - fiberglass, foil-face, elastomeric in 1/2" and 1" thickness.
- Coils - copper fins/tubes, stainless steel fins/tubes, phenolic coated, stainless steel end plates. All options are available on one-to five-row for VW units.
- Systems - two- or four-pipe, hydronic cooling/heating, steam, DX and/or electric heat.
- Cabinet - flat top, slope top, wrap slope top, concealed, wall recessed.
- Grilles - eliminate the need for closet doors and come in custom colors.
- Controls - unlimited selection of factory-mounted valves and controls.
- Filters - washable and metallic.
- Flow-control circulator for water heating applications.
- Electric strip heat from 0.5 to 6 kW.

Vertical Floor Console Fan Coil System Nominal Capacities

Model	VWFT, VWST, VWSW, VWRG, VWCS				
	Cooling			Heating	
	Rows	Total Capacity BTUH**	Sensible Capacity BTUH**	Rows	Total Capacity BTUH***
002	3	7,499	5,648	2	11,997
003	3	7,756	5,845	2	12,644
004	3	15,749	11,117	2	23,292
006	3	17,353	12,020	2	24,526
008	3	31,672	22,904	2	49,453
010	3	35,599	25,511	2	54,667
012	3	40,582	29,714	2	62,917
002	4	9,268	6,381	1	6,734
003	4	9,567	6,591	1	7,141
004	4	18,373	12,240	1	14,775
006	4	20,051	13,219	1	15,735
008	4	35,914	24,692	1	34,437
010	4	40,228	27,441	1	33,583
012	4	46,543	32,159	1	40,664

For detailed capacities please visit our website at www.whalencompany.com or contact your local representative.

** Cooling ratings based on 80° F DB and 67° F WB EAT, 45° F EWT with 10° F water temperature rise, 115/1/60, and high speed.

*** Heating ratings based on nominal CFM. 1-row coils rated at 160° F EWT and 70° F EAT with 40° F water temperature drop, 115/1/60, and high speed. 2-row coils rated at 150° F EWT and 70° F EAT with 30° F water temperature drop, 115/1/60, and high speed.



Behind every unit that carries the Whalen name is a singularity of purpose: the engineering and manufacturing of products that improve the quality of life for our customers.

Our long-term commitment to this endeavor assures you of systems that are distinctive in **concept**, **performance**, **reliability** and **value**.

The number of industry “firsts” from Whalen is impressive. They include:

- The industry’s first vertical stack valveless fan coils
- The first vertical stack heat pump offering
- The first removable chassis closet-type heat pumps
- The first AHRI-listed water-cooled air conditioning units with hydronic heat

Let us put Whalen innovation to work for you, too. Find out how our approach to your project will deliver a “perfect fit” solution – and make your life easier.

Need to locate a sales representative? Whalen’s sales rep locator tool was designed to help you easily find a Whalen sales representative within the United States and Canada.

whalencompany.com/relocator



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