



Vertical Floor Console Lowboy Fan Coils

400 - 600 CFM

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

... From the pioneer in vertical stack HVAC technology and innovation.



The Whalen Company



Whalen Vertical Floor Console Lowboy Fan Coils

Low Recessed Grille - VWLR Series

The vertical floor lowboy fan coil (VWLR) is a low-static (up to .25 ESP) fan coil with a blow-through design. The VWLR fan coil comes with a coil, blower/motor assembly with quick-connect plug and a galvanized steel, powder-coated epoxy drain pan covered with 1/8-inch thick insulation. The galvanized steel cabinet is insulated with 1/2-inch thick, over three pound density, neoprene-coated fiberglass. The VWLR, designed for recessed wall installations where space is limited, is ideal for hallways, bathrooms and other small areas.



Low Front Discharge - VWLF Series

The vertical floor lowboy front discharge (VWLF) is a low-static (up to .25 ESP) fan coil with a blow-through design. The VWLF fan coil comes with a coil, blower/motor assembly with quick-connect plug and a galvanized steel, powder-coated epoxy drain pan covered with 1/8-inch thick insulation. The galvanized steel cabinet is insulated with 1/2-inch thick, over three pound density, neoprene-coated fiberglass. The VWLF cabinet and top control access panel are finished in a soft-white powder-coat epoxy with punched supply and return-air louvers. Freestanding at 16 1/2-inches in height, two VWLF units may be used side by side, allowing for unlimited movement of drapes and blinds at peak performance.



Low Top Discharge - VWLT Series

The vertical low top discharge (VWLT) is a low-static (up to .25 ESP) top vertical discharge fan coil with a blow-through design. The VWLT fan coil comes with a coil, blower/motor assembly with quick-connect plug and a galvanized steel, powder-coated epoxy drain pan covered with 1/8-inch thick insulation. The galvanized steel cabinet is insulated with 1/2-inch thick, over three pound density, neoprene-coated fiberglass. The VWLT is finished in a soft-white powder-coat epoxy with black four-way diffusing grilles and control access panel. Freestanding at 16 1/2-inches in height, two VWLT units may be used side by side, allowing for unlimited movement of drapes and blinds at peak performance.



Vertical Floor Console Lowboy Fan Coil Unit Sizes

Model		Nominal CFM	Width (in.)	Depth (in.)	Height (in.)
VWLR	004	400	53.0	16.5	14.2
	006	600	53.0	16.5	14.2

Model		Nominal CFM	Width (in.)	Depth (in.)	Height (in.)
VWLT	004	400	51.0	18.0	16.5
	006	600	51.0	18.0	16.5

Model		Nominal CFM	Width (in.)	Depth (in.)	Height (in.)
VWLF	004	400	51.0	18.0	16.5
	006	600	51.0	18.0	16.5

Benefits that Make a Big Difference

When you consider the features and options of these 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.
- 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

- Soft-white, powder-coated epoxy cabinet is standard on all painted units
- Stainless steel drain pans
- Insulation - fiberglass, foil-face, elastomeric in 1/2" and 1" thicknesses.
- Coils - copper fins/tubes, stainless steel fins/tubes, phenolic coated, stainless steel end plates. All options are available on one- to three-row for VW Lowboy units.
- Systems - two- or four-pipe, hydronic cooling/ heating, steam, DX and/or electric heat.
- Grilles - 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

VWLR, VWLF, VWLT					
Model	Cooling			Heating	
	Rows	Total Capacity BTUH**	Sensible Capacity BTUH**	Rows	Total Capacity BTUH***
004	3	17,162	12,409	2	25,017
006	3	20,466	15,109	2	30,243
004	2	12,387	10,374	1	17,063
006	2	14,724	12,654	1	20,432

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.



Whalen equipment has been specified in hundreds of projects in these and other categories:

- Hotels
- Senior Living Facilities
- Apartments
- Dormitories
- Condominiums
- Offices



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.

Take the Next Step

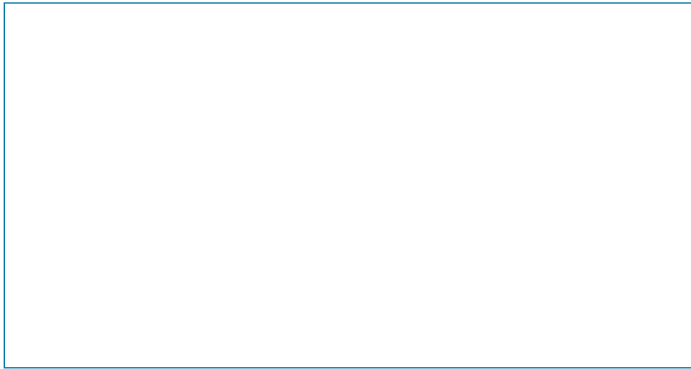
To learn more about how The Whalen Company can help you save time and money on your next project, contact your local Whalen representative, call **410-822-9200** to speak with one of our specialists, or e-mail your request to sales@whalencompany.com.

Additional technical resources, including dimensional drawings and Revit models, are available on our website at www.whalencompany.com.

Our Mission:

*Flexible, Comfort Solutions Provided With Pride
From Our Family to You*

Your Whalen Representative:



P.O. Box 1390 • Easton, MD 21601 USA
Tel. 410-822-9200 • Fax: 410-822-8926
www.whalencompany.com



WL057

rev. 02-19