



## Inteli-Therm™ Vertical Stack Fan Coil with Slide-Out Coil Pack

- Integrated HRV/ERV module for outside air ventilation
- Flexible configurations
- User-friendly package design
- Easy-access components
- Low operating cost
- Quiet and reliable operation
- Compact footprint

# Inteli-Therm Vertical Stack Fan Coil

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The days of limited – or no – access to the valve package in a fan coil unit are over! If you're involved in projects like hotels, apartments, condominiums, senior living centers, college dormitories or others that have tight spaces, then the Inteli-therm™ Vertical Stack Fan Coil is the smart choice. And they're available only from The Whalen Company.

When you specify an Inteli-therm™ Vertical Stack Fan Coil unit with a slide-out coil pack, you also get the advantage of an integrated thermal recovery unit to take advantage of modern building codes and the increasing outside air requirements. Moreover, since the Inteli-therm™ unit ships completely assembled, there is less field work required. With customization capabilities including riser locations, handing and discharge arrangements and sizes, it means that your new Whalen units will be installed and operating in significantly less time.



# 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.

## Integrated Energy Recovery Module

Our integrated energy recovery module is fully removable for easy maintenance and capable of providing fresh air to the occupied space as well as exhausting multiple bathrooms.

## Constant Fresh Air Flow

Each unit is programmed for a minimum constant air flow to provide the required outside air. Optional decorative wall controls provide intermittent high speed exhaust flow from one or two remote locations.

## Multiple Ventilation Rates

Each energy recovery module is shipped with a factory-set ventilation rate to balance the supply and exhaust air selected.

## A Comprehensive Product Offering That's on the Money

The Whalen Company offers a variety of options to meet different heating and cooling requirements. These include:

### ROOM FAN COIL

- 2-Pipe Heating / Cooling
- 2-Pipe Heating Only
- 2-Pipe Cooling Only
- 4-Pipe Heating / Cooling

## Additional Benefits During Installation

Because the coil pack is designed to slide out, it can be shipped separately from the cabinet. This provides additional user benefits and reduces the risk of damage during the installation phase:

- The coil is kept clean during construction
- The coil pack is installed after all drywall, sanding and painting is finished
- Risers can be flushed without the risk of damaging the coil
- Optional return air covers are also available for projects using factory-installed coil pack.

## Fan/Motor Assembly

Plug-in type; easily removed through the return air opening.

## Insulation

High density with thermal and acoustical properties.

## Cabinet

The galvanized monocoque construction permits the direct application of plaster or drywall.

## Water Hoses

Connects chassis to the supply and return water piping. Isolates compressor sound from the building piping system.

## Inner Service Panel

Removable for access to unit control wiring and internal piping.

## Filter

Throwaway or permanent. Filters are MERV-rated.

## Drain Pan

Stainless steel pan with P-Trap covers the entire unit bottom and can be easily removed for cleaning.

## Thermostat

Low voltage; plug-in or remote mounted; manual or automatic change-over; all electronic/digital.

## Acoustical Panel

Standard and flush mounted design with hinged door to allow filter removal without the use of tools.

## Unit Tagging

Each unit is individually boxed and tagged with factory and customer supplied information. Whalen units can be tagged with specific room numbers, riser numbers or any special requirement of the project.

## Inteli-therm™ Vertical Stack Fan Coil Unit Performance

Model	CFM	GPM	Cooling Capacity			
			Coil Rows	EWT (°F)	TC (Btu/hr)	SC (Btu/hr)
W(T, N)X-03	350	2.1	3	45	10,100	7,300
W(T, N)X-04	450	3.1	3	45	14,500	9,800
W(T, N)X-06	700	4.2	3	45	19,700	14,300
W(T, N)X-08	758	5.0	3	45	22,700	14,600

Cooling based upon 80°F DB, 67°F WB entering air temperature

Model	CFM	GPM	Heating Capacity			
			Coil Rows	EWT (°F)	TC (Btu/hr)	SC (Btu/hr)
W(T, N)X03	345	2.5	4	45	12,700	9,000
W(T, N)X04	440	3.3	4	45	16,100	10,800
W(T, N)X-06	650	4.4	4	45	20,600	14,200
W(T, N)X-08	753	5.6	4	45	26,300	18,100

Heating based upon 70°F DB entering air temperature



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](http://whalencompany.com/relocator)



P.O. Box 1390 • Easton, MD 21601 USA  
[whalencompany.com](http://whalencompany.com)



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