



Whisperline® Vertical Stack Water Source Heat Pump



Whisperline®

Water Source Heat Pump with R-454B Refrigerant

- Flexible configurations
- User-friendly package design
- Easy-access components
- Low operating cost
- Quiet and reliable operation
- Compact footprint

Whisperline® Water Source Heat Pump

Why Settle for an Imitation?

Are you looking for a unit that offers design flexibility, provides a lower installed cost, reduces maintenance, and includes features like standard acoustical panels for a superior long-lasting appearance? The Whalen Company is your only choice. Today our efforts remain focused, undiluted by the product line proliferation so common in our industry.

Our success has attracted many imitators through the years, but none come close to the depth and breadth of the Whalen experience with this type of unit.

Ideal for New Construction, Rehabilitations – Low-Rise and High-Rise

The Whisperline® Heat Pump is a proven concept in air conditioning any type of building, advantageous for both new construction and the renovation of apartments, condominiums, hotels, senior living facilities, dormitories and office buildings.

It is our belief that a unit manufacturer should offer equipment that is flexible enough to meet the design of the building instead of forcing a building to conform to limitations of the equipment. This philosophy is not limited to physical size or optional accessories. The Whisperline® is capable of performing at entering water temperatures of 60°- 95°F and at 40°- 100°F with the addition of an extended range package and is functional in water or ground source applications.



Benefits that Make a Big Difference

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

Supply Opening

Left, right, front, back and top combinations. All supply openings are painted black to block the view into the unit and when one unit is used for two rooms, a sight baffle is placed between the two grilles.

Supply Grille

Aluminum construction minimizes future maintenance and eliminates oxidation that can be caused from condensation. Single or double deflection with or without an opposed blade damper.

Supply/Return Risers

Provided to meet the requirements of the jobsite. Custom lengths can be provided to meet the exact floor to floor dimension of the project. Risers are factory installed and piped to ball valves within the cabinet.

Riser Cover

Galvanized steel protective cover is standard to avoid damage during shipping, handling and installation.

Ball Valves

Shut off valves with hose bib (GHT) connection.

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.

Refrigeration Chassis

Removable-floating design with insulated compressor compartment and vibration isolation.

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.

Whisperline® Water Source Heat Pump Capacities

Model with PSC Motor	CFM	GPM	Water Loop Heat Pump				Ground Loop Heat Pump			
			Cooling 86°F		Heating 68°F		Cooling 77°F		Heating 32°F	
			Capacity Btuh	EER Btuh / W	Capacity Btuh	COP	Capacity Btuh	EER Btuh / W	Capacity Btuh	COP
VP-A-0205*SC	280	1.5	6,500	13.5	8,000	5.3	6,600	14.0	4,600	3.1
VP-A-0305*SC	340	2.5	9,300	13.8	12,500	5.3	9,650	14.8	6,850	3.2
VP-A-0405*SC	420	3.3	12,300	14.0	14,900	5.0	12,500	15.8	9,300	3.2
VP-A-0605*SB	630	4.5	18,000	14.5	21,600	5.0	18,800	15.5	13,000	3.2

Model with EC Motor	CFM	GPM	Water Loop Heat Pump				Ground Loop Heat Pump			
			Cooling 86°F		Heating 68°F		Cooling 77°F		Heating 32°F	
			Capacity Btuh	EER Btuh / W	Capacity Btuh	COP	Capacity Btuh	EER Btuh / W	Capacity Btuh	COP
VP-A-0205*GC	280	1.5	6,500	15.0	8,000	5.5	6,600	14.2	4,600	3.2
VP-A-0305*GC	340	2.5	9,300	15.0	12,500	5.7	9,650	15.4	6,850	3.3
VP-A-0405*GC	420	3.3	12,800	15.6	15,000	5.5	12,700	16.0	9,400	3.3
VP-A-0505*GB	540	3.9	15,000	16.1	18,200	5.5	15,500	17.0	10,800	3.2
VP-A-0605*GB	655	4.5	18,200	15.2	21,600	5.1	19,000	16.2	13,000	3.3
VP-A-0805*DB	830	6.0	23,000	13.1	30,000	5.0	25,000	14.5	19,000	3.2
VP-A-0815*DD	830	6.0	23,200	16.0	28,200	5.6	24,000	17.1	17,000	3.8
VP-A-1005*DD	970	7.5	30,000	17.0	34,800	5.5	31,000	18.2	20,800	3.8
VP-A-1205*DD	1170	9.0	37,000	15.9	41,200	5.5	38,200	16.9	24,800	3.7

Cooling based upon 80.6°F DB, 66.2°F WB entering air temperature

Heating based upon 68°F DB, 59°F WB entering air temperature

Performance based upon 208/60/1 voltage

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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