



Whisperpack®

The Combination of Proven
Air Conditioning and Fan Coil
Technologies

- Flexible configurations
- User-friendly package design
- Easy-access components
- Energy-sharing technology
- Clean and quiet operation
- Engineered for easy maintenance

Whisperpack® Water-Cooled Air Conditioning with Hydronic Heat

Delivering the Best of Both Worlds

Combining the best characteristics of Whalen's field-proven compressorized and fan coil products, we've developed a unit that delivers superior air conditioning performance along with the operational characteristics found in our powerfully productive fan coil units.

Whisperpack® units benefit owners during the heating season through the use of a hydronic heating coil in lieu of reversing the refrigerant cycle. This allows for energy savings by turning the compressor off and diverting the condenser water to a heating coil.

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

True to our commitment to offer equipment that's flexible enough to meet the design of the building rather than

forcing a building to conform to limitations of the equipment, our Whisperpack® Air Conditioners with Hydronic Heating can be applied to any type of building.

They're particularly advantageous for new construction or renovation of apartments, condominiums, hotels, senior living facilities, dormitories and office buildings.

This philosophy behind Whisperpack® units isn't limited to physical size or optional accessories, either. They're capable of performing at peak operating efficiency at entering water temperatures between 85°F and 120°F. (We suggest consulting local building codes on requirements for insulated supply and return piping when operating above 105°F.)



Whisperpack® Air Conditioner with Hydronic Heating

Whisperpack® Hydronic Heating

Data based on 70°F Entering DB and EC fan motor				Entering Water Temperature			
				105°F		120°F	
				Capacity Btu/h	LAT, °F	Capacity Btu/h	LAT, °F
Unit Size	GPM	Heat Coil	CFM	Capacity Btu/h	LAT, °F	Capacity Btu/h	LAT, °F
0205	1.5	2-row	270	7,087	93	10,016	103
		3-row	260	8,361	97	11,797	108
0305	2.5	2-row	300	8,769	95	12,389	105
		3-row	290	9,837	98	13,861	109
0405	3.3	2-row	360	9,883	94	14,142	105
		3-row	345	11,263	98	15,904	109
0505	3.9	2-row	475	14,366	97	20,113	108
		3-row	460	16,815	102	23,583	115
0605	4.5	2-row	600	16,884	96	23,707	106
		3-row	590	19,942	100	27,910	112
0805	6.0	2-row	800	22,065	94	31,046	104
		3-row	790	26,689	99	37,436	111
0815	6.0	2-row	830	21,483	94	30,228	104
		3-row	820	25,888	99	36,312	111
1005	7.5	2-row	950	27,629	97	38,824	108
		3-row	935	31,764	101	44,543	114
1205	9.0	2-row	1100	31,791	96	44,659	106
		3-row	1080	36,366	100	51,074	112

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.

Supply Opening

Left, Right, Front, Back and Top Combinations: All supply openings are painted black to block the view into the unit. 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. Available in single or double deflection ... with or without an opposed blade damper.

Supply/Return Risers

Provided to meet the requirements of the job site: 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 with hose bib (GHT) connection located within the cabinet.

Riser Cover

A galvanized steel protective cover is standard to guard against damage during shipping, handling and installation.

Control Valves

Three-way valve standard, with an option for two 2-way valves for use with variable speed pump systems.

Fan/Motor Assembly

Plug-in type: Easily removed through the return air opening, with EC technology.

Insulation

High-density construction (2 lb./cu. ft.) with thermal and acoustical properties.

Cabinet

Galvanized monocoque construction: Designed to handle the rigors of installation while providing long term performance.

Refrigeration Chassis

Versatile removable-floating design with insulated compressor compartment and vibration isolation.

Hydronic Heating Coil

Two-row or three-row integral water heating coil.

Water Hoses

Connecting the chassis to the supply and return water piping: Isolates sound from the building piping system.

Inner Service Panel

Removable service panel for access to unit control wiring and internal piping.

Drain Pan

Internal stainless steel design with P-trap style rubber drain line.

Thermostat

Digital low-voltage thermostat: Plug-in or remote mounted with manual or automatic changeover.

Acoustical Panel

Standard and flush mounted design: Dampens sound while permitting filter removal without the need for tools. Filters are MERV-rated.

Unit Performance Testing

All units are individually tested during the production process to ensure trouble-free start-ups and reliable service.

Unit Tagging

Each unit is individually boxed and tagged with factory and customer-supplied information such as specific room numbers, riser numbers or any special requirements of the project.

AHRI PERFORMANCE RATINGS

Model with EC Motor	AHRI Certified Performance ASHRAE / ANSI / AHRI / ISO Standard 13256-1				Heating GPM	Entering Liquid Temp Heating 105°F	
	CFM	GPM	Water Loop Heat Pump			Capacity Btuh	EER Btuh / W
			Cooling 86°F				
			Capacity Btuh	EER Btuh / W			
VH-C-0205*GC	280	1.5	6,500	15	1.5	7,087	239
VH-C-0305*GC	340	2.5	9,300	15	2.5	8,769	317
VH-C-0405*GC	420	3.3	12,800	15.6	3.3	9,883	371
VH-C-0505*GB	540	3.9	15,000	16.1	3.9	14,336	482
VH-C-0605*GB	655	4.5	18,200	15.2	4.5	16,884	603
VH-C-0805*DB	830	6.0	23,000	13.1	6.0	22,065	829
VH-C-0815*DD	830	6.0	23,200	16	6.0	21,483	760
VH-C-1005*DD	970	7.5	30,000	17	7.5	27,629	944
VH-C-1205*DD	1170	9.0	37,000	15.9	9.0	31,791	1124

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



P.O. Box 1390 • Easton, MD 21601 USA
whalencompany.com



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