



The Whalen Company

Whisperline®

VERTICAL STACK WATER SOURCE HEAT PUMP

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.

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.

WHISPERLINE® BENEFITS

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 the 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 changeover; 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® Why Settle for an Imitation?

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-0204*S	280	1.5	6,200	13.00	8,000	5.00	6,600	14.00	4,600	3.10
VP-A-0304*S	340	2.5	9,300	13.80	11,500	5.20	9,650	14.80	6,850	3.20
VP-A-0404*S	420	3.3	11,800	13.80	14,500	5.00	12,500	15.80	9,300	3.20
VP-A-0604*S	630	4.5	18,000	14.50	21,600	5.00	18,800	15.50	13,000	3.20

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

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-0204*G	280	1.5	6,200	13.20	8,000	5.30	6,600	14.20	4,600	3.20
VP-A-0304*G	340	2.5	9,300	14.40	11,500	5.40	9,650	15.40	6,850	3.30
VP-A-0404*G	440	3.3	12,000	14.00	14,500	5.20	12,700	16.00	9,400	3.30
VP-A-0504*G	540	3.9	15,000	16.10	18,200	5.50	15,500	17.00	10,800	3.20
VP-A-0604*G	655	4.5	18,200	15.20	21,600	5.10	19,000	16.20	13,000	3.30
VP-A-0804*D	830	6.0	23,000	13.10	30,000	5.00	25,000	14.50	19,000	3.20
VP-A-0814*D	830	6.0	24,500	14.50	30,000	5.00	25,500	15.40	19,000	3.20
VP-A-1004*D	970	7.5	29,200	14.20	35,900	5.00	29,700	15.50	22,000	3.20
VP-A-1204*D	1170	9.0	33,100	14.20	42,000	5.20	33,600	15.30	25,400	3.30

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

Unit Size

	VP-A-0204	VP-A-0304	VP-A-0404	VP-A-0504	VP-A-0604	VP-A-0804	VP-A-0814	VP-A-1004	VP-A-1204
Width (in.)	16	16	16	18	18	18	20	20	20
Depth (in.)	17	17	17	20	20	20	22	22	22
Height (in.)	88	88	88	88	88	88	88	88	88

General Data

	VP-A-0204	VP-A-0304	VP-A-0404	VP-A-0504	VP-A-0604	VP-A-0804	VP-A-0814	VP-A-1004	VP-A-1204
Compressor Type	Recip	Recip	Recip	Recip	Recip	Scroll	Recip	Scroll	Scroll
Compressor Quantity	1	1	1	1	1	1	1	1	1
Chassis Operating Weight (lbs.)	79	81	83	122	123	132	180	165	175
Cabinet Operating Weight (lbs.)	133	133	133	153	153	153	173	173	173
Chassis Shipping Weight (lbs.)	85	87	89	128	129	138	186	171	181
Cabinet Shipping Weight (lbs.)	145	145	145	165	165	165	185	185	185
Filter Size	13 x 24 1	13 x 24 1	13 x 24 x 1	15 x 28 x 1	15 x 28 x 1	15 x 28 x 1	17 x 32 x 1	17 x 32 x 1	17 x 40 x 1
Filter Quantity	1	1	1	1	1	1	1	1	1