

### 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® Water Source Heat Pump Capacities

	CFM	GPM	Water Loop Heat Pump				Ground Loop Heat Pump			
Model with PSC Motor			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	6,500	13.50	8,000	5.30	6,600	14.00	4,600	3.10
VP-A-0304*S	340	2.5	9,300	13.80	12,500	5.30	9,650	14.80	6,850	3.20
VP-A-0404*S	420	3.3	12,300	14.00	14,900	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

	CFM	GPM	Water Loop Heat Pump				Ground Loop Heat Pump			
Model with EC Motor			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	6,500	15.00	8,000	5.50	6,600	14.20	4,600	3.20
VP-A-0304-*G	340	2.5	9,300	15.00	12,500	5.70	9,650	15.40	6,850	3.30
VP-A-0404-*G	420	3.3	12,800	15.60	15,000	5.50	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	23,200	16.00	28,200	5.60	24,000	17.10	17,000	3.80
VP-A-1004-*D	970	7.5	30,000	17.00	34,800	5.50	31,000	18.20	20,800	3.80
VP-A-1204-*D	1170	9.0	37,000	17.00	41,200	5.50	38,200	18.00	24,800	3.70

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

#### **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

# Whisperline®

### **Cabinet Dimensions**

Model	А	В	W	Н	K	Р
0204-**C	16	17	14	44	58	48
0304-**C	16	17	14	44	58	48
0404-**C	16	17	14	44	58	48
0504-**C	18	20	16	44	58	48
0604-**C	18	20	16	44	58	48
0804-**C	18	20	16	44	58	48
0814-**C	20	22	18	54	68	59
1004-**C	20	22	18	54	68	59
1204-**C	20	22	18	54	68	59

All dimensions in inches

Riser Length	С
9 Foot	4
10 Foot	16

## Whisperline® Units with Internal Drain Rear Risers











