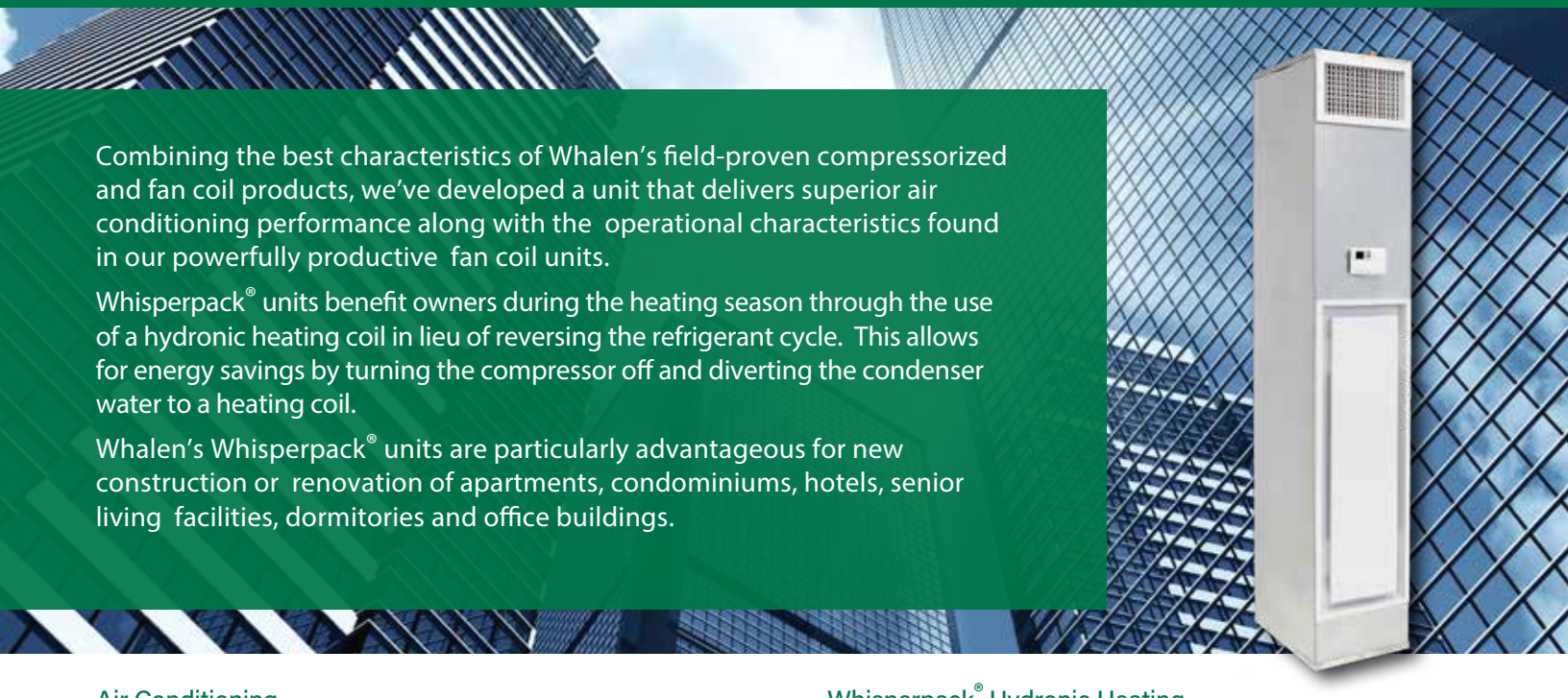
The Whalen Company

Whisperpack®

WATER-COOLED AIR CONDITIONING WITH HYDRONIC HEAT



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.

Whalen's Whisperpack® units are particularly advantageous for new construction or renovation of apartments, condominiums, hotels, senior living facilities, dormitories and office buildings.

Air Conditioning

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 Cooling 86°F				
			Capacity Btuh	EER Btuh / W		Capacity Btuh	EER Btuh / W
VP-C-204*D	290	1.5	6,400	13.70	1.5	7,087	239
VP-C-304*D	345	2.5	9,300	14.00	2.5	8,769	317
VP-C-404*D	465	3.3	11,700	13.80	3.3	9,883	371
VP-C-504*D	540	3.9	14,200	15.70	3.9	14,336	482
VP-C-604*D	650	4.5	17,800	14.60	4.5	16,884	603
VP-C-804*D	865	6.0	22,800	13.00	6.0	22,065	829
VP-C-814*D	830	6.0	Contact Factory		6.0	21,483	760
VP-C-1004*D	1045	7.5	28,200	13.50	7.5	27,629	944
VP-C-1204*D	1100	9.0	32,600	13.60	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

Whisperpack® Hydronic Heating

Data based on 70°F Entering DB and EC fan motor				Entering Water Temperature			
				105°F		120°F	
Unit Size	GPM	Heat Coil	CFM	Capacity Btu/h	LAT, °F	Capacity Btu/h	LAT, °F
204	1.5	2 row	270	7,087	93	10,016	103
		3 row	260	8,361	97	11,797	108
304	2.5	2 row	300	8,769	95	12,389	105
		3 row	290	9,837	98	13,861	109
404	3.3	2 row	360	9,883	94	14,142	105
		3 row	345	11,263	98	15,904	109
504	3.9	2 row	475	14,366	97	20,113	108
		3 row	460	16,815	102	23,583	115
604	4.5	2 row	600	16,884	96	23,707	106
		3 row	590	19,942	100	27,910	112
804	6.0	2 row	800	22,065	94	31,046	104
		3 row	790	26,689	99	37,436	111
814	6.0	2 row	830	21,483	94	30,228	104
		3 row	820	25,888	99	36,312	111
1004	7.5	2 row	950	27,629	97	38,824	108
		3 row	935	31,764	101	44,543	114
1204	9.0	2 row	1100	31,791	96	44,659	106
		3 row	1080	36,366	100	51,074	112

General Data

	VPC0204	VPC0304	VPC0404	VPC0504	VPC0604	VPC0804	VPC0814	VPC1004	VPC1204
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.)	82	84	87	129	130	142	177	177	188
Cabinet Operating Weight (lbs.)	141	141	141	161	161	161	180	180	180
Chassis Shipping Weight (lbs.)	88	90	93	135	136	148	183	183	194
Cabinet Shipping Weight (lbs.)	153	153	153	173	173	173	192	192	192
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

Whisperpack®

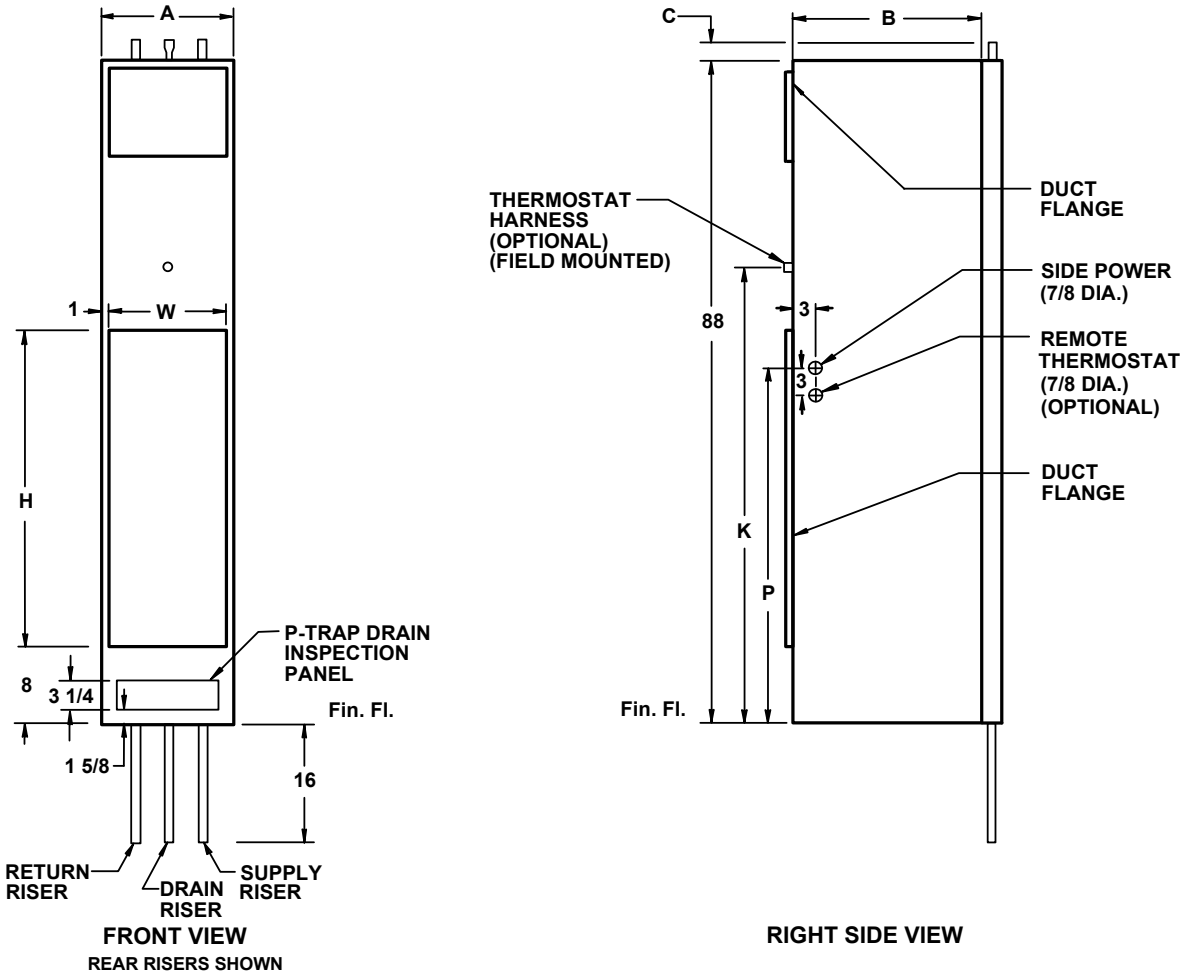
Cabinet Dimensions

Model	A	B	W	H	K	P
0204-**B	16	21	14	44	58	48
0304-**B	16	21	14	44	58	48
0404-**B	16	21	14	44	58	48
0504-**B	18	24	16	44	58	48
0604-**B	18	24	16	44	58	48
0804-**B	18	24	16	44	58	48
0814-**C	20	26	18	54	68	59
1004-**C	20	26	18	54	68	59
1204-**C	20	26	18	54	68	59

All dimensions in inches

Riser Length	C
9 Foot	4
10 Foot	16

Whisperpack® Units with Internal Drain Rear Risers



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