

For Door Heights To 12' (environmental separation)

STANDARD FEATURES

- ½ hp single speed motor(s)
- High efficiency, low noise Pro-V Nozzle (patent pending)
- Galvanized steel blower wheels and housing
Airfoil aluminum air directional vanes
- Powder coated finish with aluminum inlet screen
- 16 gauge aluminized steel cabinet
- ½" mounting holes (wall or top mounting)
- No field assembly required
- Two year parts warranty
- Crafted with Pride in the USA

COIL FEATURES

- Factory mounted
- 16 gauge galvanized steel casing
- 5/8" O.D. seamless copper tubes
- Heavy wall seamless copper headers
- Aluminum fins
- Hand brazed joints
- Leak tested @ minimum 325 psig dry nitrogen

OPTIONAL FEATURES

- ½ hp multi-speed motor(s) (consult factory)

MODEL	Nozzle Width (in)	Max FPM at Nozzle	Max CFM at Nozzle	CFM at Nozzle	Lab Data				Motor(s) @ hp	Hot Water Capacity (btu/hr)*	Temp. Rise (°F)	Net Wgt. (lbs)
					Avg. Out. Vel. (fpm)	Air Volume (scfm)	Power Rating (kW)	Outlet Vel. Unif. (%)				
VSA1036W	36	5166	3933	2556	1728	1512	0.51	87	1 @ ½	49,610	30	95
VSA1042W	42	5550	5042	3278	1551	1583	0.52	89	1 @ ½	51,822	30	103
VSA1048W	48	5292	4816	3130	1366	1594	0.53	78	1 @ ½	52,359	30	111
VSA1060W	66	4800	5180	3367	1049	1530	0.53	74	1 @ ½	50,036	30	127
VSA2060W	66	5292	6560	4264	2010	2931	0.99	85	2 @ ½	96,563	30	173
VSA2072W	72	5166	7865	5112	1728	3024	1.02	87	2 @ ½	99,783	30	187
VSA2078W	78	5166	8521	5538	1633	3095	1.03	87	2 @ ½	101,625	30	195
VSA2084W	84	5550	10085	6555	1551	3166	1.04	89	2 @ ½	103,844	30	203
VSA2096W	99	5292	9631	6260	1366	3188	1.06	78	2 @ ½	120,650	35	218
VSA3096W	99	5292	10866	7063	1857	4332	1.53	88	3 @ ½	141,770	30	258
VSA2108W	108	4800	9324	6061	1190	3124	1.06	74	2 @ ½	116,654	34	266
VSA3108W	108	5166	11798	7669	1728	4536	1.53	87	3 @ ½	149,993	30	306
VSA2120W	117	4800	10360	6734	1049	3060	1.06	74	2 @ ½	100,115	30	278
VSA3120W	117	5166	13109	8521	1604	4678	1.55	87	3 @ ½	153,627	30	318
VSA3132W	132	5292	13243	8608	1484	4760	1.57	78	3 @ ½	173,231	33	344
VSA3144W	144	5292	14447	9391	1366	4782	1.59	78	3 @ ½	181,220	35	363
VSA4144W	144	5166	15730	10225	1728	6048	2.04	87	4 @ ½	197,509	30	403

Air performance based on AMCA licensed data from base (unheated) units

*Hot water rating based on 65F entering air and 180F entering water temperature and supply end connections.

POWER SUPPLIES/MOTOR AMP DRAWS									
VOLTS	120	208	240	208	240	480	600	220	380
PHASE	1	1	1	3	3	3	3	1	3
HERTZ*	60	60	60	60	60	60	60	50	50
AMPS per MOTOR	6.5	3.5	3.5	3.5	3.5	1.4	1.0	3.5	3.5

Sound level measured 10' (3m) from the unit in free field:
1, 2, 3 & 4 motor(s): **60 dBA, 63 dBA, 65 dBA, 66 dBA**

*Operation at 50 Hz will generate approximately a 17% reduction in performance.

Berner reserves the right to alter specifications without prior notice.