

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	Steam Capacity (btu/hr)*	Temp. Rise (°F)	Net Wgt. (lbs)
					Avg. Out. Vel. (fpm)	Air Volume (scfm)	Power Rating (kW)	Outlet Vel. Unif. (%)				
VSA1036S	36	5166	3933	2556	1728	1512	0.51	87	1 @ ½	56,843	35	95
VSA1042S	42	5550	5042	3278	1551	1583	0.52	89	1 @ ½	62,797	36	103
VSA1048S	48	5292	4816	3130	1366	1594	0.53	78	1 @ ½	67,278	39	111
VSA1060S	66	4800	5180	3367	1049	1530	0.53	74	1 @ ½	76,617	45	127
VSA2060S	66	5292	6560	4264	2010	2931	0.99	85	2 @ ½	107,149	34	173
VSA2072S	72	5166	7865	5112	1728	3024	1.02	87	2 @ ½	113,679	35	187
VSA2078S	78	5166	8521	5538	1633	3095	1.03	87	2 @ ½	119,684	36	195
VSA2084S	84	5550	10085	6555	1551	3166	1.04	89	2 @ ½	125,583	36	203
VSA2096S	99	5292	9631	6260	1366	3188	1.06	78	2 @ ½	136,562	39	218
VSA3096S	99	5292	10866	7063	1857	4332	1.53	88	3 @ ½	159,525	34	258
VSA2108S	108	4800	9324	6061	1190	3124	1.06	74	2 @ ½	200,456	59	266
VSA3108S	108	5166	11798	7669	1728	4536	1.53	87	3 @ ½	170,492	35	306
VSA2120S	117	4800	10360	6734	1049	3060	1.06	74	2 @ ½	146,526	44	278
VSA3120S	117	5166	13109	8521	1604	4678	1.55	87	3 @ ½	182,457	36	318
VSA3132S	132	5292	13243	8608	1484	4760	1.57	78	3 @ ½	192,916	37	344
VSA3144S	144	5292	14447	9391	1366	4782	1.59	78	3 @ ½	201,755	39	363
VSA4144S	144	5166	15730	10225	1728	6048	2.04	87	4 @ ½	227,261	35	403

Air performance based on AMCA licensed data from base (unheated) units
*Steam rating based on 65F entering air and 5 psig steam return same end.

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.