

**For Door Heights To 12' (environmental separation)**

**STANDARD FEATURES**

- ½ hp single speed motor(s)
- Factory mounted control panel - 24 volt control
- 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

**HEATER FEATURES**

- Helical coil with point suspension of elements
- Available single or three phase
- Galvanized steel frame
- Thermally protected against overheating

**OPTIONAL FEATURES**

- Reduced kW available (see sheet KW-237)
- 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	Electric Capacity (kW)	Heater Capacity (BTU/hr)	Temp. Rise (°F)	Net Wgt. (lbs)
					Avg. Out. Vel. (fpm)	Air Volume (scfm)	Power Rating (kW)	Outlet Vel. Unif. (%)					
VSA1036E	36	5166	3933	2556	1728	1512	0.51	87	1 @ ½	14	47,782	29	86
VSA1042E	42	5550	5042	3278	1551	1583	0.52	89	1 @ ½	14	47,782	28	92
VSA1048E	48	5292	4816	3130	1366	1594	0.53	78	1 @ ½	14	47,782	28	97
VSA1060E	66	4800	5180	3367	1049	1530	0.53	74	1 @ ½	14	47,782	29	108
VSA2060E	66	5292	6560	4264	2010	2931	0.99	85	2 @ ½	28	95,564	30	160
VSA2072E	72	5166	7865	5112	1728	3024	1.02	87	2 @ ½	28	95,564	29	169
VSA2078E	78	5166	8521	5538	1633	3095	1.03	87	2 @ ½	28	95,564	28	175
VSA2084E	84	5550	10085	6555	1551	3166	1.04	89	2 @ ½	28	95,564	28	180
VSA2096E	99	5292	9631	6260	1366	3188	1.06	78	2 @ ½	28	95,564	28	190
VSA3096E	99	5292	10866	7063	1551	4332	1.53	88	3 @ ½	42	143,346	30	236
VSA2108E	108	4800	9324	6061	1366	3124	1.06	74	2 @ ½	28	95,564	28	233
VSA3108E	108	5166	11798	7669	1728	4536	1.53	87	3 @ ½	42	143,346	29	279
VSA2120E	117	4800	10360	6734	1049	3060	1.06	74	2 @ ½	28	95,564	29	240
VSA3120E	117	5166	13109	8521	1604	4678	1.55	87	3 @ ½	42	143,346	28	286
VSA3132E	132	5292	13243	8608	1484	4760	1.57	78	3 @ ½	42	143,346	28	307
VSA3144E	144	5292	14447	9391	1366	4782	1.59	78	3 @ ½	42	143,346	28	321
VSA4144E	144	5166	15730	10225	1728	6048	2.04	87	4 @ ½	56	191,128	29	367

Lab tested and heater data based on AMCA licensed data from base (unheated) units  
Note: Single phase units have a 14 kW max.

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

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

Note: See sheet KW-237 for heater amp draws/total load requirements.



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**

Berner reserves the right to alter specifications without prior notice.