

**STANDARD FEATURES**

- ◆ ½ hp single speed motor(s)
- ◆ 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)
- ◆ Two year parts warranty
- ◆ Crafted with Pride in the USA

**OPTIONAL FEATURE**

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

**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

MODEL	Nozzle Width (in)	Max. Vel. (fpm)	Avg. Outlet Vel. (fpm)	Air Volume (scfm)	Motor(s) @ hp	Power Rating (kW)	Outlet Vel. Unif. (%)	Hot Water Capacity (btu/hr)*	Temp. Rise (°F)	Net Wgt. (lbs)	Ship Wgt. (lbs)
VSA1036W	36	4000	1728	1512	1 @ ½	0.51	87	49,610	30	95	117
VSA1042W	42	4000	1551	1583	1 @ ½	0.52	89	51,822	30	103	129
VSA1048W	48	4000	1366	1594	1 @ ½	0.53	78	52,359	30	111	140
VSA1060W	66	4000	1049	1530	1 @ ½	0.53	74	50,036	30	127	163
VSA2060W	66	4000	2010	2931	2 @ ½	0.99	85	96,563	30	173	209
VSA2072W	72	4000	1728	3024	2 @ ½	1.02	87	99,783	30	187	230
VSA2078W	78	4000	1633	3095	2 @ ½	1.03	87	101,625	30	195	242
VSA2084W	84	4000	1551	3166	2 @ ½	1.04	89	103,844	30	203	253
VSA2096W	99	4000	1366	3188	2 @ ½	1.06	78	120,650	35	218	276
VSA3096W	99	4000	1857	4332	3 @ ½	1.53	88	141,770	30	258	316
VSA2108W	108	4000	1190	3124	2 @ ½	1.06	74	116,654	34	266	331
VSA3108W	108	4000	1728	4536	3 @ ½	1.53	87	149,993	30	306	371
VSA2120W	117	4000	1049	3060	2 @ ½	1.06	74	100,115	30	278	350
VSA3120W	117	4000	1604	4678	3 @ ½	1.55	87	153,627	30	318	390
VSA3132W	132	4000	1484	4760	3 @ ½	1.57	78	173,231	33	344	423
VSA3144W	144	4000	1366	4782	3 @ ½	1.59	78	181,220	35	363	449
VSA4144W	144	4000	1728	6048	4 @ ½	2.04	87	197,509	30	403	489

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

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

MOTOR VOLTAGES/AMP DRAWS										
VOLTS	120	208	240	208	240	480	600	190	220	380
PHASE	1	1	1	3	3	3	3	3	1	3
HERTZ*	60	60	60	60	60	60	60	50	50	50
AMPS per MOTOR	7.2	4.0	4.0	2.5	2.4	1.2	0.8	2.4	4.0	1.2

Sound level measured 10' (3m) from the unit in free field: **60 dBA**

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

*Berner reserves the right to alter specifications without prior notice.*