

For Door Heights To 14' (environmental separation)

STANDARD FEATURES

- 1 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
- 1/2" 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

- Two-speed motor(s) (consult factory)

Lab Data												
MODEL	Nozzle Width (in)	Max FPM at Nozzle	Max CFM at Nozzle	CFM at Nozzle	Avg. Out. Vel. (fpm)	Air Volume (scfm)	Power Rating (kW)	Outlet Vel. Unif. (%)	Motor(s) @ hp	Steam Capacity (btu/hr)*	Temp. Rise (°F)	Net Wgt. (lbs)
VS	36	7567	5760	3744	2738	2396	1.12	87	1 @ 1	87,418	34	110
VS	42	7040	5821	3784	2435	2486	1.12	81	1 @ 1	96,429	35	118
VS	48	7175	7032	4570	2173	2535	1.25	84	1 @ 1	104,268	38	126
VS	66	6886	7231	4700	1668	2433	1.25	72	1 @ 1	97,573	37	142
VS	66	7520	10638	6914	3136	4574	2.07	97	2 @ 1	163,341	33	203
VS	72	7567	11521	7488	2738	4792	2.24	87	2 @ 1	174,811	34	217
VS	78	7040	10811	7027	2575	4882	2.24	81	2 @ 1	183,916	35	225
VS	84	7040	11642	7568	2435	4972	2.24	81	2 @ 1	192,820	35	233
VS	99	7175	14063	9141	2173	5070	2.5	84	2 @ 1	211,774	38	248
VS	99	7520	15441	10037	2942	6865	3.36	88	3 @ 1	245,013	33	303
VS	108	6886	13015	8460	1893	4968	2.5	72	2 @ 1	178,394	33	296
VS	108	7567	17281	11233	2738	7188	3.36	87	3 @ 1	262,130	34	351
VS	117	6886	14461	9400	1668	4866	3.36	72	2 @ 1	186,113	35	308
VS	117	7040	16632	10811	2526	7368	3.36	81	3 @ 1	280,243	35	363
VS	132	7040	18295	11892	2340	7507	3.49	81	3 @ 1	297,056	36	389
VS	144	7175	21095	13711	2173	7605	3.75	84	3 @ 1	312,544	38	408
VS	144	7567	23042	14977	2738	9584	4.48	87	4 @ 1	349,308	33	463

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	12.6	6.5	6.5	6.5	6.5	3.2	2.6	6.5	6.5

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

Sound level measured 10' (3m) from the unit in free field:
1, 2, 3 & 4 motor(s): **63 dBA, dBA, dBA, dBA**
Sound data is not AMCA certified.

Berner reserves the right to alter specifications without prior notice.