

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
- 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

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

MODEL	Nozzle Width (in)	Max FPM at Nozzle	Max CFM at Nozzle	CFM at Nozzle	Lab Data							
					Avg. Out. Vel. (fpm)	Air Volume (scfm)	Power Rating (kW)	Outlet Vel. Unif. (%)	Motor(s) @ hp	Hot Water Cap. (btu/hr)*	Temp. Rise (°F)	Net Wgt. (lbs)
VS	36	7567	5760	3744	2738	2396	1.12	87	1 @ 1	78,686	30	110
VS	42	7040	5821	3784	2435	2486	1.12	81	1 @ 1	81,614	30	118
VS	48	7175	7032	4570	2173	2535	1.25	84	1 @ 1	83,333	30	126
VS	66	6886	7231	4700	1668	2433	1.25	72	1 @ 1	80,206	30	142
VS	66	7520	10638	6914	3136	4574	2.07	97	2 @ 1	149,581	30	203
VS	72	7567	11521	7488	2738	4792	2.24	87	2 @ 1	157,276	30	217
VS	78	7040	10811	7027	2575	4882	2.24	81	2 @ 1	160,976	30	225
VS	84	7040	11642	7568	2435	4972	2.24	81	2 @ 1	163,646	30	233
VS	99	7175	14063	9141	2173	5070	2.5	84	2 @ 1	166,788	30	248
VS	99	7520	15441	10037	2942	6865	3.36	88	3 @ 1	224,660	30	303
VS	108	6886	13015	8460	1893	4968	2.5	72	2 @ 1	162,728	30	296
VS	108	7567	17281	11233	2738	7188	3.36	87	3 @ 1	236,769	30	351
VS	117	6886	14461	9400	1668	4866	3.36	72	2 @ 1	161,449	30	308
VS	117	7040	16632	10811	2526	7368	3.36	81	3 @ 1	241,094	30	363
VS	132	7040	18295	11892	2340	7507	3.49	81	3 @ 1	247,318	30	389
VS	144	7175	21095	13711	2173	7605	3.75	84	3 @ 1	251,155	30	408
VS	144	7567	23042	14977	2738	9584	4.48	87	4 @ 1	313,230	30	463

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	12.6	6.5	6.5	6.5	6.5	3.2	2.6	6.5	6.5

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

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

Berner reserves the right to alter specifications without prior notice.