

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
- Duct transition with bottom access panels
- Two year parts warranty
- Crafted with Pride in the USA

OPTIONAL FEATURES

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

HEATER FEATURES

- CSA approved
- Aluminized steel heat exchanger
- Spark ignited pilot
- Power venter
- Prewired motor(s) & controls

Note: Separate 120/1/60 power supply is required for unit heaters.

OPTIONAL HEATER FEATURES

- Stainless steel heat exchanger
- Dry type transformer (120V power for heaters)

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	Heater(s) @ Input (mbtu/hr)	Total Input (mbtu/hr)	Total Output (btu/hr)	Temp. Rise °F
VSB1036G	36	7567	5760	3744	2738	2396	1.12	87	1 @ 1	1 @ 100	100	80	31
VSB1042G	42	7040	5821	3784	2435	2486	1.12	81	1 @ 1	1 @ 100	100	80	30
VSB1048G	48	7175	7032	4570	2173	2535	1.25	84	1 @ 1	1 @ 100	100	80	29
VSB1060G	66	6886	7231	4700	1668	2433	1.25	72	1 @ 1	1 @ 100	100	80	30
VSB2060G	66	7520	10638	6914	3136	4574	2.07	97	2 @ 1	1 @ 200	200	160	32
VSB2072G	72	7567	11521	7488	2738	4792	2.24	87	2 @ 1	1 @ 200	200	160	31
VSB2078G	78	7040	10811	7027	2575	4882	2.24	81	2 @ 1	1 @ 200	200	160	30
VSB2084G	84	7040	11642	7568	2435	4972	2.24	81	2 @ 1	1 @ 200	200	160	30
VSB2096G	99	7175	14063	9141	2173	5070	2.5	84	2 @ 1	1 @ 200	200	160	29
VSB3096G	99	7520	15441	10037	2942	6865	3.36	88	3 @ 1	1 @ 300	300	240	32
VSB2108G	108	6886	13015	8460	1893	4968	2.5	72	2 @ 1	1 @ 200	200	160	30
VSB3108G	108	7567	17281	11233	2738	7188	3.36	87	3 @ 1	1 @ 300	300	240	31
VSB2120G	117	6886	14461	9400	1668	4866	3.36	72	2 @ 1	1 @ 200	200	160	30
VSB3120G	117	7040	16632	10811	2526	7368	3.36	81	3 @ 1	1 @ 300	300	240	30
VSB3132G	132	7040	18295	11892	2340	7507	3.49	81	3 @ 1	1 @ 345	345	276	34
VSB3144G	144	7175	21095	13711	2173	7605	3.75	84	3 @ 1	1 @ 345	345	276	33
VSB4144G	144	7567	23042	14977	2738	9584	4.48	87	4 @ 1	1 @ 390	390	312	30

WEIGHT CHART

MODEL	Net Wgt. Air Curtain (lbs)	Net Wgt. Duct Transition*	Net Wgt. Heater (lbs)	Ship Wgt. Duct Trans. & Air Curtain (lbs)	Ship Wgt. Heater (lbs)
VSB1036G	95	44	125	174	140
VSB1042G	101	50	125	189	140
VSB1048G	106	56	125	203	140
VSB1060G	117	69	125	233	140
VSB2060G	178	68	145	308	165
VSB2072G	187	81	145	335	165
VSB2078G	193	87	145	350	165
VSB2084G	198	94	145	365	165
VSB2096G	208	107	145	394	165
VSB3096G	263	99	270	453	285
VSB2108G	251	120	145	464	165
VSB3108G	306	112	270	523	285
VSB2120G	258	130	145	485	165
VSB3120G	313	121	270	543	285
VSB3132G	334	137	285	589	285
VSB3144G	348	150	285	623	285
VSB4144G	403	150	285	691	310

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

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.

*Duct transition is factory attached to air curtain

Berner reserves the right to alter specifications without prior notice.