

STANDARD FEATURES

- ◆ 1 hp single speed motor(s)
- ◆ Factory mounted control panel - 24 volt control
- ◆ Galvanized steel blower wheels and housing
- ◆ Airfoil aluminum air directional vanes
- ◆ Powder coated with aluminum inlet screen
- ◆ 16 gauge aluminized steel cabinet
- ◆ ½" mounting holes (wall or top mount)
- ◆ UL Listed (United States and Canada)
- ◆ 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)
- ◆ Multi-speed motor(s) (consult factory)

| Model | Nozzle Width (in) | Max. Velocity (fpm) | Avg. Outlet Velocity (fpm) | Air Volume (scfm) | Motor(s) @ hp | Power Rating (kW) | Outlet Velocity Unif. (%) | Electric Capacity (kW) | Heater Capacity (BTU/hr) | Temp. Rise (°F) | Net Wgt. (lbs) | Ship Wgt. (lbs) |
|----------|-------------------|---------------------|----------------------------|-------------------|---------------|-------------------|---------------------------|------------------------|--------------------------|-----------------|----------------|-----------------|
| VSB1036E | 36 | 5000 | 2738 | 2396 | 1 @ 1 | 1.12 | 87 | 14 | 47,782 | 18 | 101 | 123 |
| VSB1042E | 42 | 5000 | 2435 | 2486 | 1 @ 1 | 1.12 | 81 | 14 | 47,782 | 18 | 107 | 132 |
| VSB1048E | 48 | 5000 | 2173 | 2535 | 1 @ 1 | 1.25 | 84 | 14 | 47,782 | 17 | 112 | 141 |
| VSB1060E | 66 | 5000 | 1668 | 2433 | 1 @ 1 | 1.25 | 72 | 14 | 47,782 | 18 | 123 | 159 |
| VSB2060E | 66 | 5000 | 3136 | 4574 | 2 @ 1 | 2.07 | 97 | 28 | 95,564 | 19 | 190 | 226 |
| VSB2072E | 72 | 5000 | 2738 | 4792 | 2 @ 1 | 2.24 | 87 | 28 | 95,564 | 18 | 199 | 242 |
| VSB2078E | 78 | 5000 | 2575 | 4882 | 2 @ 1 | 2.24 | 81 | 28 | 95,564 | 18 | 205 | 252 |
| VSB2084E | 84 | 5000 | 2435 | 4972 | 2 @ 1 | 2.24 | 81 | 28 | 95,564 | 18 | 210 | 260 |
| VSB2096E | 99 | 5000 | 2173 | 5070 | 2 @ 1 | 2.50 | 84 | 28 | 95,564 | 17 | 220 | 278 |
| VSB3096E | 99 | 5000 | 2942 | 6865 | 3 @ 1 | 3.36 | 88 | 42 | 143,346 | 19 | 281 | 339 |
| VSB2108E | 108 | 5000 | 1893 | 4968 | 2 @ 1 | 2.50 | 72 | 28 | 95,564 | 18 | 263 | 328 |
| VSB3108E | 108 | 5000 | 2738 | 7188 | 3 @ 1 | 3.36 | 87 | 42 | 143,346 | 18 | 324 | 389 |
| VSB2120E | 117 | 5000 | 1668 | 4866 | 2 @ 1 | 3.36 | 72 | 28 | 95,564 | 18 | 270 | 342 |
| VSB3120E | 117 | 5000 | 2526 | 7368 | 3 @ 1 | 3.36 | 81 | 42 | 143,346 | 18 | 331 | 403 |
| VSB3132E | 132 | 5000 | 2340 | 7507 | 3 @ 1 | 3.49 | 81 | 42 | 143,346 | 18 | 352 | 431 |
| VSB3144E | 144 | 5000 | 2173 | 7605 | 3 @ 1 | 3.75 | 84 | 42 | 143,346 | 17 | 366 | 452 |
| VSB4144E | 144 | 5000 | 2738 | 9584 | 4 @ 1 | 4.48 | 87 | 56 | 191,128 | 18 | 427 | 513 |

Air performance based on AMCA licensed data from base (unheated) units
*Reduced kW heaters available, see sheet KW-237

| 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 | 12 | 6.5 | 6.3 | 4.6 | 4.4 | 2.3 | 1.4 | 4.5 | 6.5 | 2.2 |

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



Sound level measured 10' (3M) from the unit in free field: **63 dBA**

Berner reserves the right to alter specifications without prior notice.