

**STANDARD FEATURES**

- ◆ 1 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)
- ◆ Licensed to bear AMCA Air Performance Seal
- ◆ UL Listed (United States and Canada)
- ◆ Five year parts warranty
- ◆ Crafted with Pride in the USA

**OPTIONAL FEATURES**

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

MODEL	Nozzle Width (in)	Max. Vel. (fpm)	Avg. Out. Vel. (fpm) †	Air Volume (scfm) †	Motor(s) @ hp	Power Rating (kW) †	Outlet Vel. Unif. (%) †	Net Wgt (lbs)	Ship Wgt (lbs)
KSB1036A	36	5000	2738	2396	1 @ 1	1.12	87	95	117
KSB1042A	42	5000	2435	2486	1 @ 1	1.12	81	101	126
KSB1048A	48	5000	2173	2535	1 @ 1	1.25	84	106	135
KSB1060A††	66	5000	1668	2433	1 @ 1	1.25	72	117	153
KSB2060A	66	5000	3136	4574	2 @ 1	2.07	97	178	214
KSB2072A	72	5000	2738	4792	2 @ 1	2.24	87	187	230
KSB2078A	78	5000	2575	4882	2 @ 1	2.24	81	193	240
KSB2084A	84	5000	2435	4972	2 @ 1	2.24	81	198	248
KSB2096A	99	5000	2173	5070	2 @ 1	2.50	84	208	266
KSB3096A††	99	5000	2942	6865	3 @ 1	3.36	88	263	321
KSB2108A††	108	5000	1893	4968	2 @ 1	2.50	72	251	316
KSB3108A	108	5000	2738	7188	3 @ 1	3.36	87	306	317
KSB2120A††	117	5000	1668	4866	2 @ 1	3.36	72	258	330
KSB3120A	117	5000	2526	7368	3 @ 1	3.36	81	313	385
KSB3132A	132	5000	2340	7507	3 @ 1	3.49	81	334	413
KSB3144A	144	5000	2173	7605	3 @ 1	3.75	84	348	434
KSB4144A	144	5000	2738	9584	4 @ 1	4.48	87	403	489

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.

VELOCITY PROJECTION Model: KSB1036			
Distance from Nozzle (ft)	3	6.5	10
Core Velocity (fpm)	3822	2467	2133
Uniformity (%)	95	85	96



Sound level measured 10' (3m) from the unit in free field:  
Sound data is not AMCA certified. **63 dBA**

AMCA Seal applies to air performance only.

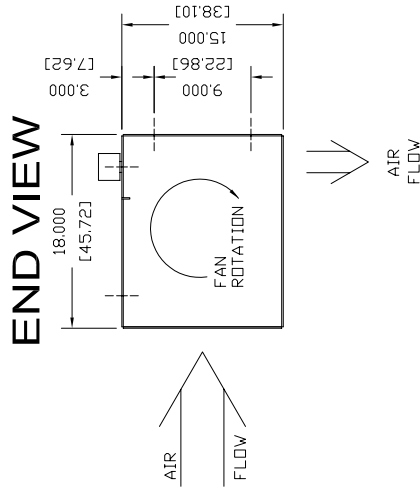
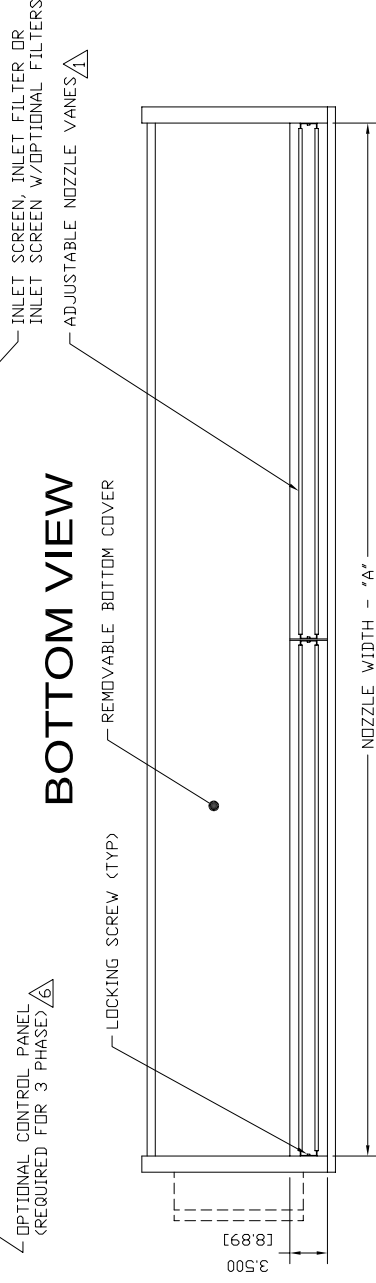
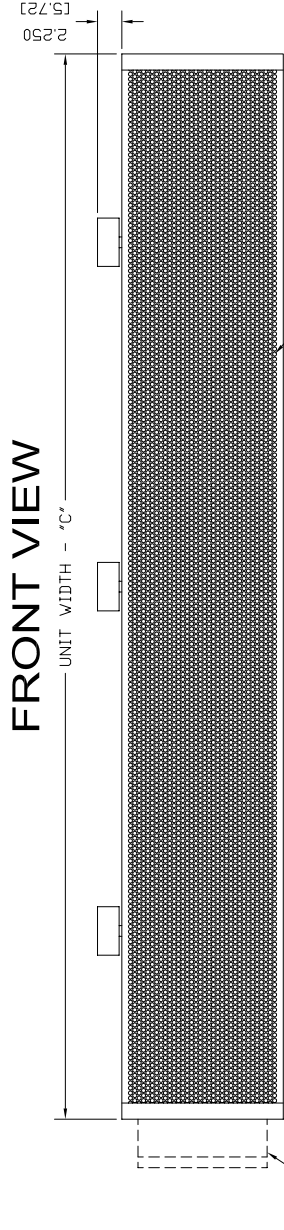
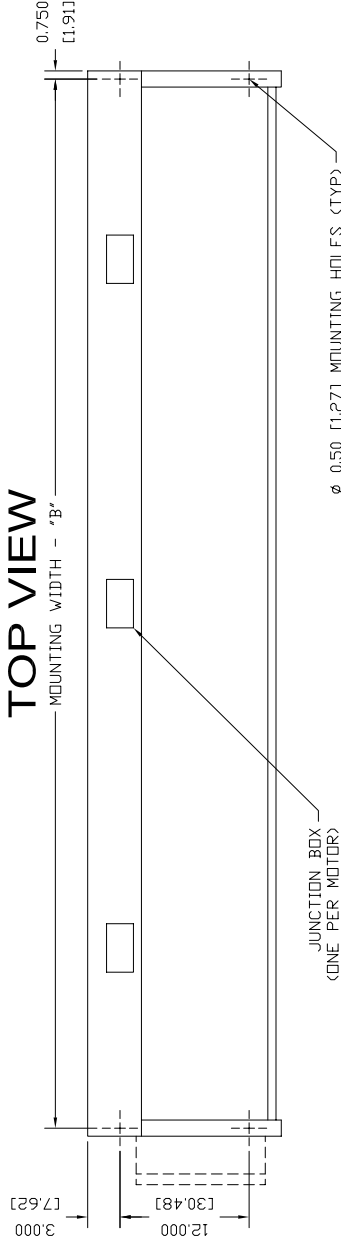


Berner International Corporation certifies that the air curtains shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. Rated data shown is for base (unheated) units.

†The AMCA Certified Ratings Seal applies to airflow rate, average outlet velocity, outlet velocity uniformity, velocity projection and power rating at free delivery only.  
††Models KSB1060A, KSB3096A, KSB2108A, KSB2120A, are not licensed to bear the AMCA seal.

Berner reserves the right to alter specifications without prior notice.

# KSB AMBIENT SYSTEM



## NOTES:

- 1 AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF C.
- 2 ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
- 3 FIELD VERIFY DIMENSIONS.
- 4 ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
- 5 ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
- 6 OPTIONAL CONTROL PANEL AVAILABLE: LEFT HAND MOUNT, RIGHT HAND MOUNT, OR REMOTE. PLEASE SPECIFY.
- 7 DIMENSIONS IN INCHES (CENTIMETERS).

MODEL	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
KSB1036A	36.00 [91.44]	37.50 [95.25]	39.00 [99.06]
KSB1042A	42.00 [106.68]	43.50 [110.49]	45.00 [114.30]
KSB1048A	48.00 [121.92]	49.50 [125.73]	51.00 [129.54]
KSB1060A/2060A	66.00 [167.64]	67.50 [171.45]	69.00 [175.26]
KSB2072A	72.00 [182.88]	73.50 [186.69]	75.00 [190.50]
KSB2078A	78.00 [192.12]	79.50 [201.93]	81.00 [205.74]
KSB2084A	84.00 [213.36]	85.50 [217.17]	87.00 [220.98]
KSB2096A/3096A	99.00 [251.46]	100.50 [255.27]	102.00 [259.08]
KSB2108A/3108A	108.00 [274.32]	109.50 [278.13]	111.00 [281.94]
KSB2120A/3120A	117.00 [297.18]	118.50 [300.99]	120.00 [304.80]
KSB3132A	132.00 [333.28]	133.50 [339.09]	135.00 [342.90]
KSB3144A/4144A	144.00 [365.76]	145.50 [369.57]	147.00 [373.38]

PROJECT	
LOCATION	
ARCHITECT	
ENGINEER	
DWG. NO.	VSBV0020
DATE	13APR07
BY	D. Johnson
REPLACES	
BY	
TITLE	<b>BERNER</b>
MODEL	KSB AIR CURTAIN AMBIENT SYSTEM
BERNER INTERNATIONAL CORP. NEW GASTLEPA	