

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 finish 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-337)
- ◆ 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)
KSB1036E	36	5000	2738	2396	1 @ 1	1.12	87	14	47,782	18	101	123
KSB1042E	42	5000	2435	2486	1 @ 1	1.12	81	14	47,782	18	107	132
KSB1048E	48	5000	2173	2535	1 @ 1	1.25	84	14	47,782	17	112	141
KSB1060E	66	5000	1668	2433	1 @ 1	1.25	72	14	47,782	18	123	159
KSB2060E	66	5000	3136	4574	2 @ 1	2.07	97	28	95,564	19	190	226
KSB2072E	72	5000	2738	4792	2 @ 1	2.24	87	28	95,564	18	199	242
KSB2078E	78	5000	2575	4882	2 @ 1	2.24	81	28	95,564	18	205	252
KSB2084E	84	5000	2435	4972	2 @ 1	2.24	81	28	95,564	18	210	260
KSB2096E	99	5000	2173	5070	2 @ 1	2.50	84	28	95,564	17	220	278
KSB3096E	99	5000	2942	6865	3 @ 1	3.36	88	42	143,346	19	281	339
KSB2108E	108	5000	1893	4968	2 @ 1	2.50	72	28	95,564	18	263	328
KSB3108E	108	5000	2738	7188	3 @ 1	3.36	87	42	143,346	18	324	389
KSB2120E	117	5000	1668	4866	2 @ 1	3.36	72	28	95,564	18	270	342
KSB3120E	117	5000	2526	7368	3 @ 1	3.36	81	42	143,346	18	331	403
KSB3132E	132	5000	2340	7507	3 @ 1	3.49	81	42	143,346	18	352	431
KSB3144E	144	5000	2173	7605	3 @ 1	3.75	84	42	143,346	17	366	452
KSB4144E	144	5000	2738	9584	4 @ 1	4.48	87	54	184,302	18	427	513

Air performance based on AMCA licensed data from base (unheated) units
*Reduced kW heaters available, see sheet KW-337

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

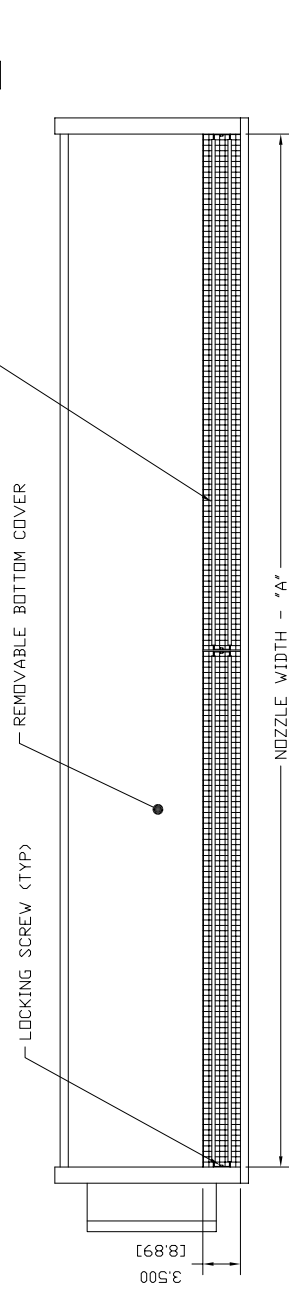
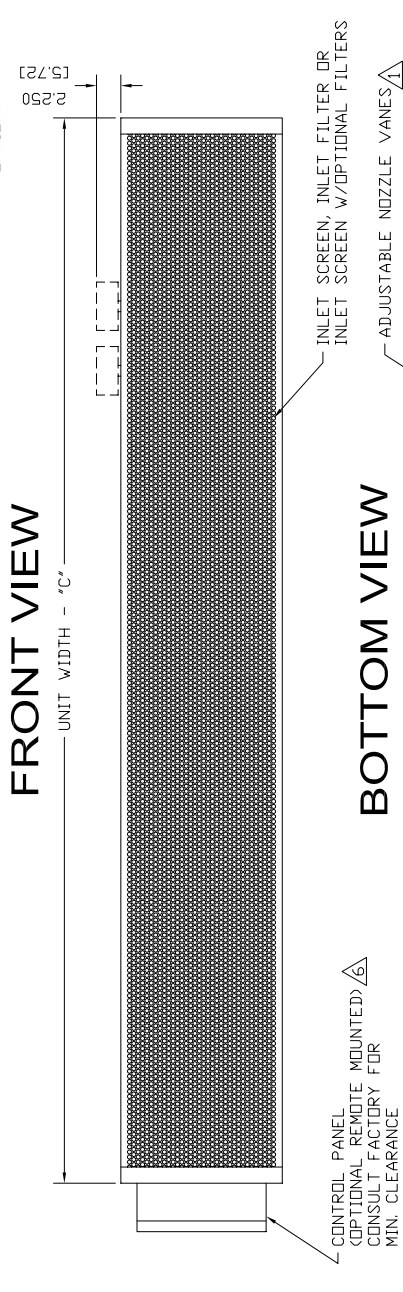
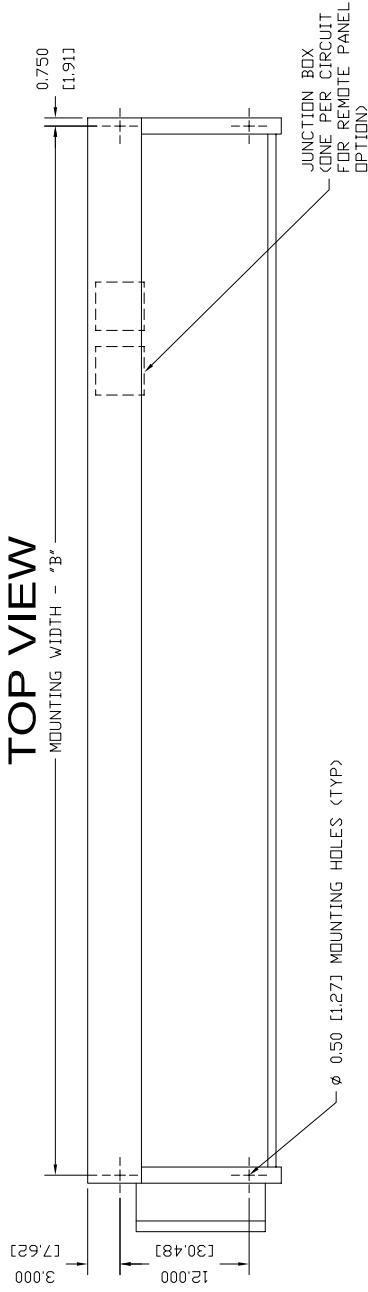
*Operation at 50 Hz will generate approximately a 17% reduction in performance.



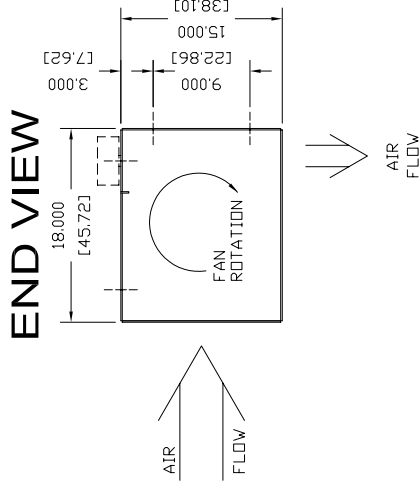
Sound level measured 10' (3M) from the unit in free field: **63 dBA**

Berner reserves the right to alter specifications without prior notice.

KSB ELECTRIC HEATED SYSTEM



MODEL	NOZZLE WIDTH "A"	MOUNTING WIDTH "B"	UNIT WIDTH "C"
KSB1036E	36.00 [91.44]	37.50 [95.25]	39.00 [99.06]
KSB1042E	42.00 [106.68]	43.50 [110.49]	45.00 [114.30]
KSB1048E	48.00 [121.92]	49.50 [125.73]	51.00 [129.54]
KSB1060E/2060E	66.00 [167.64]	67.50 [171.45]	69.00 [175.26]
KSB2072E	72.00 [182.88]	73.50 [186.69]	75.00 [190.50]
KSB2078E	78.00 [192.12]	79.50 [201.93]	81.00 [205.74]
KSB2084E	84.00 [213.36]	85.50 [217.17]	87.00 [220.98]
KSB2096E/3096E	99.00 [251.46]	100.50 [255.27]	102.00 [259.08]
KSB2108E/3108E	108.00 [274.32]	109.50 [278.13]	111.00 [281.94]
KSB2120E/3120E	117.00 [297.18]	118.50 [300.99]	120.00 [304.80]
KSB3132E	132.00 [335.28]	133.50 [339.09]	135.00 [342.90]
KSB3144E/4144E	144.00 [365.76]	145.50 [369.57]	147.00 [373.38]



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 UNIT MOUNTED CONTROL PANEL STANDARD, REMOTE OPTIONAL.
- 7 DIMENSIONS IN INCHES (CENTIMETERS).

PROJECT	
LOCATION	
ARCHITECT	
ENGINEER	
DWG. NO.	VSBV0021
DATE	13APR07
BY	D. Johnson
REPLACES	
BY	
TITLE: BERNER	
MODEL: KSB AIR CURTAIN ELECTRIC HEATED SYSTEM	
BERNER INTERNATIONAL CORP. NEW GASTLEPA	