



## SOUND SIGNALING EQUIPMENT

Accessories - Air Compressors

### Model KA1000 Compressor System





The Kahlenberg KA1000 Marine Duty Compressed Air System is a quiet, oil-less, compressor solution incorporating Jun-Air compressors, specifically arranged for marine use.



#### Technical Details

**Voltage:** Single Phase A.C. Voltage 50/60 Hz  
**Motors:** 1.2 HP Combined  
**Max Current:** 15A @120 Volts, 7.5A @ 240 Volts  
**Displacement:** 9.75 CFM, 276 l/min  
**FAD @ 8 bar:** 3.11 CFM, 88 l/min  
**Max Pressure:** 150 p.s.i., 10.31 bar  
**Weight:** 126 lbs., 57 kg, Compressor and Tank  
**Noise Level:** 69 dB(A)@ 1 meter  
**Thermal Protection:** Yes  
**Duty Cycle:** 100% Continuous  
**Vibration Isolated:** Yes  
**Wire Size:** 14 AWG

#### Features and benefits of the KA1000 include:

-  **Quiet Operation:** 69dB(A) @ 1 meter
-  **Oil-less, Continuous Duty Operation:**  
(minimizes maintenance by eliminating oil in air lines)
-  **Regulated Output:** Included air regulator allows for controlled air consumption without reducing volume of air available in the system.
-  **Easy Installation:** Fittings, ASME air tank, and tubing are supplied, as are safety valve, air gauge, and ball valves. All fittings are instant connect. The only wiring required is connection of the compressor assembly to line voltage.

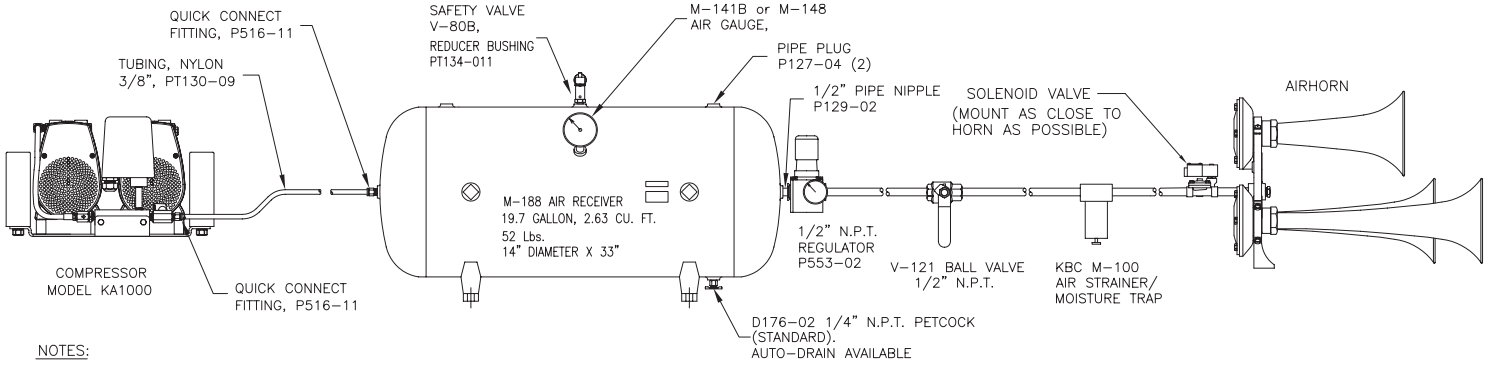
**The KA1000 Compressor System provides output sufficient for Kahlenberg Air Horn Models D-1, D-2, and T-1.**

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[www.kahlenberg.com](http://www.kahlenberg.com)

3-6275

REV.	BY	DATE	DESCRIPTION	APP'D.
A	ZJN	08/21/07	ADDED AIR RECEIVER DIMENSIONS	EMK



NOTES:

- 1.) TANK CAN BE INSTALLED IN HORIZONTAL OR VERTICAL POSITION. TANK INSPECTION (SIGHT) OPENINGS AND TANK NAMEPLATES SHOULD BE ACCESSIBLE AND FACE INBOARD.
- 2.) ALL PIPING SHOULD SLOPE TO AN ACCESSIBLE MOISTURE DRAIN POINT. IT IS RECOMMENDED THAT ADDITIONAL MOISTURE TRAPS BE PLACED AT THE BOTTOM OF ALL VERTICAL PIPING RUNS.
- 3.) THE MAIN AIR LINE SHOULD NOT BE SMALLER THAN THE COMPRESSOR OUTLET SIZE.
- 4.) CHECK ALL PIPING AND FITTINGS REGULARLY TO AVOID LEAKS IN THE SYSTEM. FILTERS, REGULATORS AND OTHER ACCESSORIES SHOULD ALSO BE PROPERLY MAINTAINED.
- 5.) PIPING RUNS SHOWN ARE SCHEMATIC ONLY.
- 6.) THIS DRAWING IS INTENDED TO BE USED IN CONJUNCTION WITH THE JUN AIR INSTRUCTION MANUAL FOR MODEL OF302 SERIES COMPRESSORS (SHIPPED WITH COMPRESSOR SYSTEM).
- 7.) ALL PIPING/TUBING AFTER THE AIR RECEIVER SHALL BE SUPPLIED BY THE CUSTOMER.

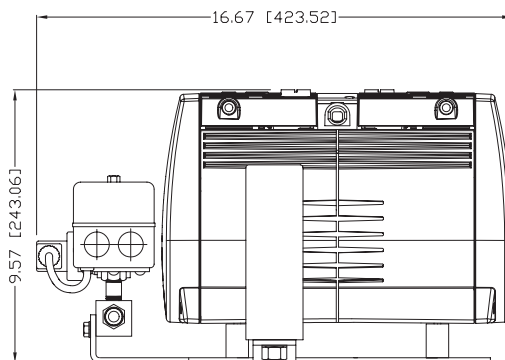
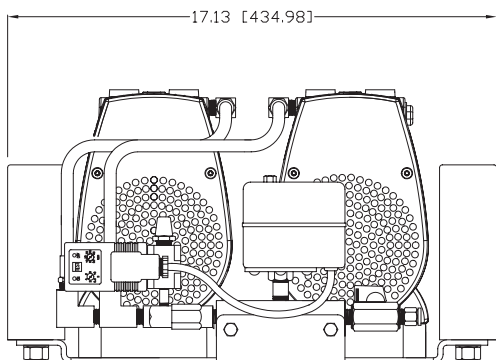
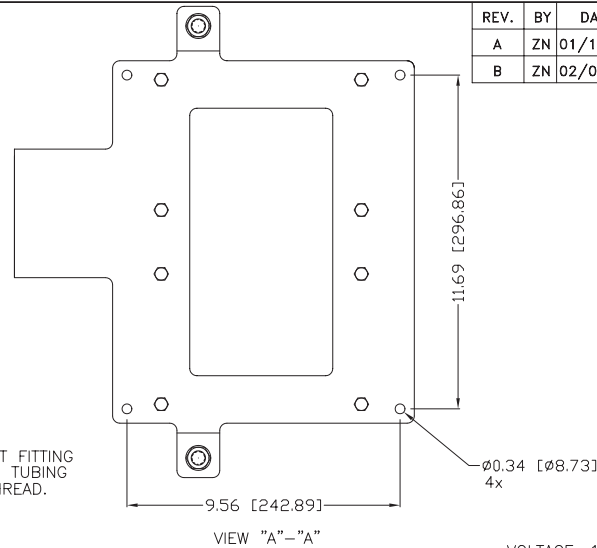
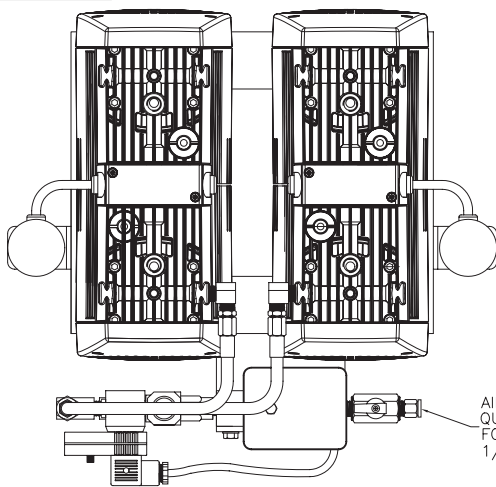
**Kahlenberg**  
KAHLENBERG BROS. CO. TWO RIVERS, WI. U.S.A.

INSTALLATION DRAWING  
MODEL KA1000  
SUGGESTED INSTALLATION

DR.	DATE	CKD.	SCALE	DRWG. NO.	REV.
ZJN	06/10/04	EMK	N.T.S.	3-6275	A

3-6281

REV.	BY	DATE	DESCRIPTION	APP'D.
A	ZN	01/19/05	ADDED CHECK VALVES	EMK
B	ZN	02/03/05	ADDED V-160 AUTO DRAIN	EMK



VOLTAGE: 110/220 V.A.C., 120/240 V.A.C.  
 FREQUENCY: 50/60 Hz  
 MOTOR: 1.2 HP, 0.9KW  
 MAX. CURRENT: 15A/7.5A  
 DISPLACEMENT: 9.75 CFM, 276 l/min  
 FAD @ 8 bar: 3.11 CFM, 88 l/min  
 MAX. PRESSURE: 150 p.s.i., 10.31 bar  
 WEIGHT: 73 lbs, 33.11 kg  
 NOISE LEVEL db(A)/lm: 69  
 THERMAL PROTECTION: YES  
 DUTY CYCLE: 100%  
 VIBRATION ISOLATION: YES  
 WIRE SIZE: 14AWG

**Kahlenberg**  
KAHLENBERG BROS. CO. TWO RIVERS, WI. U.S.A.

OUTLINE DIMENSIONS  
MODEL KA1000 OIL-LESS  
COMPRESSOR

DR.	DATE	CKD.	SCALE	DRWG. NO.	REV.
ZJN	05/28/04	ZJN	N.T.S.	3-6281	B