



SOUND SIGNALING EQUIPMENT

Accessories - Air Compressors

Model P449-25, P449-26 Air Compressor Systems

The Kahlenberg P449-25/P449-26 Compressed Air Systems are quiet, oil-less compressor solutions incorporating a compact, continuous duty compressor pump, pressure switch and regulator assembly specifically arranged for marine use.



Technical Details

Voltage: 24 V.D.C. (P449-25)

Voltage: 12 V.D.C. (P449-26)

Max Current: 14A @24 Volts, 19 A @ 12 Volts

FAD @ 8 bar: .94 CFM, 26.6 l/min

Max Pressure: 150 p.s.i., 10.31 bar

Weight: 23 lbs., 10.4 kg, Compressor and Tank

Noise Level: 69 dB(A)@ 1 meter

Thermal Protection: Yes

Duty Cycle: 100% Continuous

Vibration Isolated: Yes

Wire Size: 12 AWG min.

Features and benefits of the P449-25 and P449-26 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, air tank, and tubing are supplied, as are safety valve and air gauge. All fittings are instant connect. The only wiring required is connection of the compressor assembly to line voltage.

The P449-25/P449-26 Compressor System provides output sufficient for Kahlenberg Air Horn Models S-0A, D-0A, T-0A, S-330, and D-330

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NO.	PART NO.	DESCRIPTION	DRWG.
1	P449-26	COMPRESSOR KIT, 12V DC	
8	P449-25	COMPRESSOR KIT, 24V DC	
9	P449-11/2	COMPRESSOR UNIT ONLY, -11/2"DC, -12-24V	
10	P129-19	NIPPLE, CLOSE, 1/4" NPT	
11	P516-04	CONNECTOR, MALE 1/4" NPT X 1/4" TUBE	
12	PT148-005	PRESSURE SWITCH, 120/150 P.S.I.	3-6554
13	P512-06	ELBOW, 45 DEGREE, 1/4" NPT	
14	P521-04	AIR RECEIVER	
15	92623	FILTER	
16	V-508	VALVE, SAFETY, 175 PSI	
17	M-145	GAUGE, PRESSURE	
18	D176-02	DRAINCOCK	
19	PT130-005	TUBE, 1/4" O.D. X 8', S.A.E. J84	
20	PT130-004	TUBE, 5/16" O.D. X 8' (LONGER LENGTHS AVAILABLE), S.A.E. J84	
21	V-65	OPEN VALVE	
22	P129-03	NIPPLE, 1/4" N.P.T.	
23	P553-01	REGULATOR	
24	M-145	PRESSURE GAUGE	
25	PT134-004	BUSHING, FACE, 1/8-1/4" NPT	

CURRENT REQUIREMENTS			
12 VOLT	19 AMP		
24 VOLT	14 AMP		
C.F.M. OUTPUT @ 100 P.S.I.			
12 VOLT	0.94 C.F.M.		
24 VOLT	0.97 C.F.M.		

FUSE REQUIREMENTS			
FUSE & FUSE HOLDERS ARE CUSTOMER SUPPLIED			
12 VOLT	25 AMP SLOW BURN		
24 VOLT	20 AMP SLOW BURN		

ALL ITEMS WITHIN DASHED LINE ARE INCLUDED IN COMPRESSOR KIT. KIT ALSO INCLUDES ITEMS #4, & #5.

MOUNT COMPRESSOR ON RIGID SUPPORT IN PROTECTED AREA WITH AIR FLOW AROUND THE COMPRESSOR.

USE PIPE SEALANT ON ALL THREADED PIPE JOINTS.

PRESSURE SWITCH MAINTAINS PRESSURE BETWEEN 20 & 150 P.S.I.

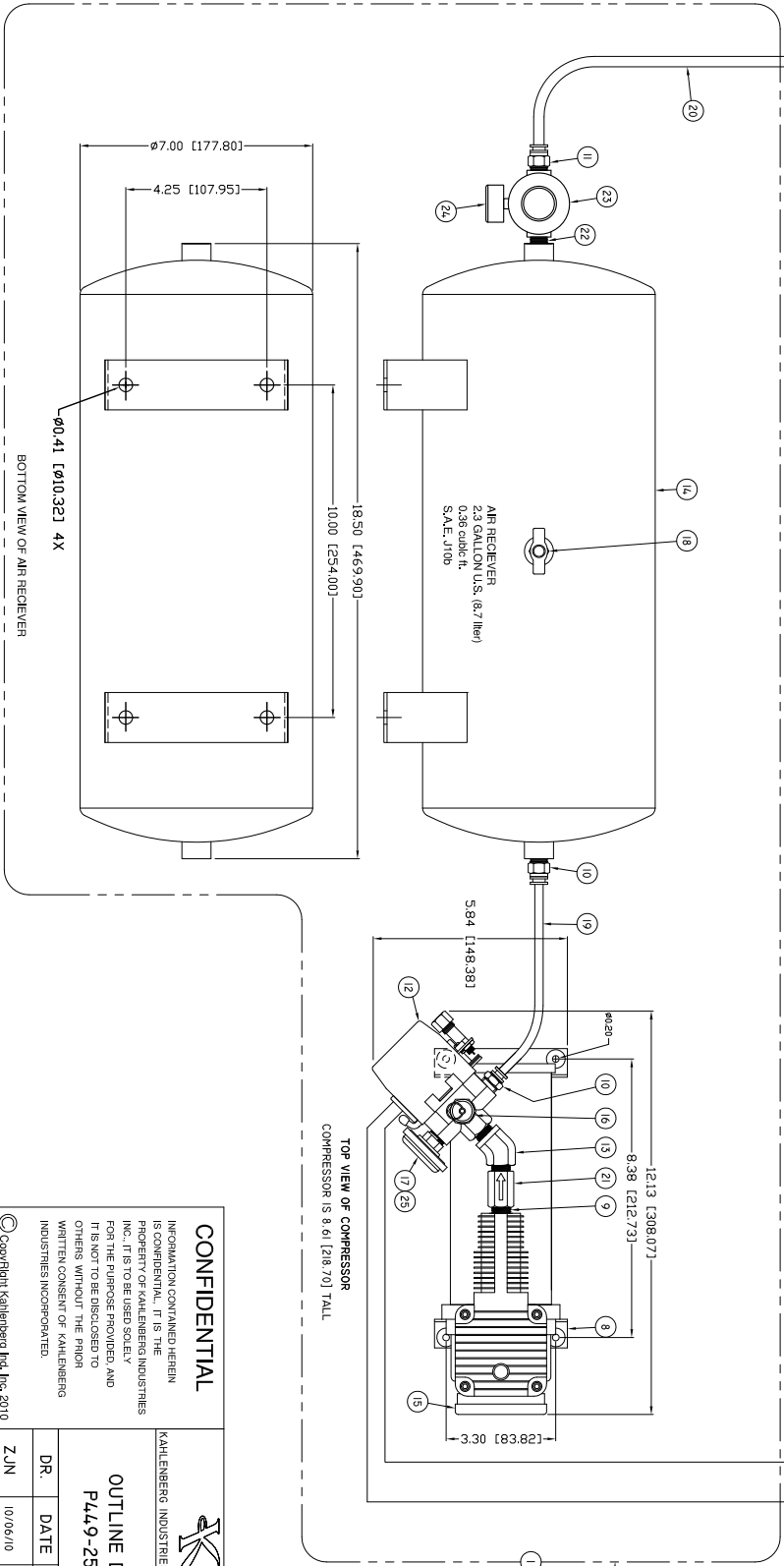
REFER TO INSTRUCTION SHEETS FOR ALL INSTALLATION REQUIREMENTS.

DECK OR ROOF

SOLENOID VALVE KIT
SUPPLIED SEPARATELY

AIR RECEIVER
2.3 GALLON U.S. (8.7 liter)
0.36 cubic ft.
S.A.E. J10b

TOP VIEW OF COMPRESSOR
COMPRESSOR IS 8.61 [218.70] TALL



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KAHLEBERG INDUSTRIES INC.

TWO RIVERS, WI, U.S.A.

KAHLEBERG

OUTLINE DIMENSIONS & PARTS LIST FOR P449-25/P449-26 COMPRESSOR KIT

DR.	DATE	CKD.	SCALE	DRWG. NO.	REV.
ZJN	10/06/10	EMK	N.T.S.	3-6619	E