

INSTALLATION INSTRUCTIONS
V-69-K SOLENOID VALVE KIT
FOR USE WITH KAHLENBERG ZERO SERIES AIR HORNS

REFERENCES: Drg. 2-5045

1. MOUNTING:

- A. Mount the valve as close to the horn as possible. When supplied with a Kahlenberg P449 compressor kit, a 1/8" pipe nipple is supplied for connecting the valve directly to the horn.
- B. When mounting the valve remotely from the horn, a bracket (V-69-B) is provided with the valve kit for that purpose. We suggest limiting the length of airline from valve to horn to three feet (1 meter) or less.
- C. Note that the valve body is marked with a "1" at the inlet, and a "2" at the outlet. The "2" side (outlet) of the valve body must be on the side of the valve exiting toward the horn. **IF THE VALVE IS INSTALLED BACKWARDS IT WILL LEAK.**

2. WIRING:

- A. A molded plug (V-69-P) is provided for electrical connection to the valve coil.
- B. Wiring Connections are found within the female plastic DIN Plug that connects to the solenoid coil (3 male Terminals). The terminal block inside the plug can be separated from it's outer shell by removing the center mounting screw on the plug, and prying the pieces apart with a small screwdriver.
- C. **The two parallel male terminals are used for D.C. Connections.** The D.C. positive lead is attached to either parallel terminal, and ground to the other parallel terminal. The third male terminal perpendicular to the

other two is used for ground on A.C. connections and can be disregarded for D.C. connections.

- D. We recommend the wire entrance to the plug be pointed down and sealed with RTV Silicone Caulk or similar material if the cable seal within the plug does not fit uniformly around properly sized cable.

3. PIPING:

- A. The air supply (up to 150 PSI) (10 bar) shall be connected to the inlet of the valve body. Teflon tape should be applied to male threaded fittings only and the airline should be blown out to remove any foreign matter before connection to the valve. Be careful not to get tape debris in the valve itself or it may clog the valve.
- B. With the small amount of air flow demanded by the S-330 series horns, an air filter generally will not be necessary unless the air supply is known to be “dirty”.

4. REPLACEMENT PARTS/REPAIR:

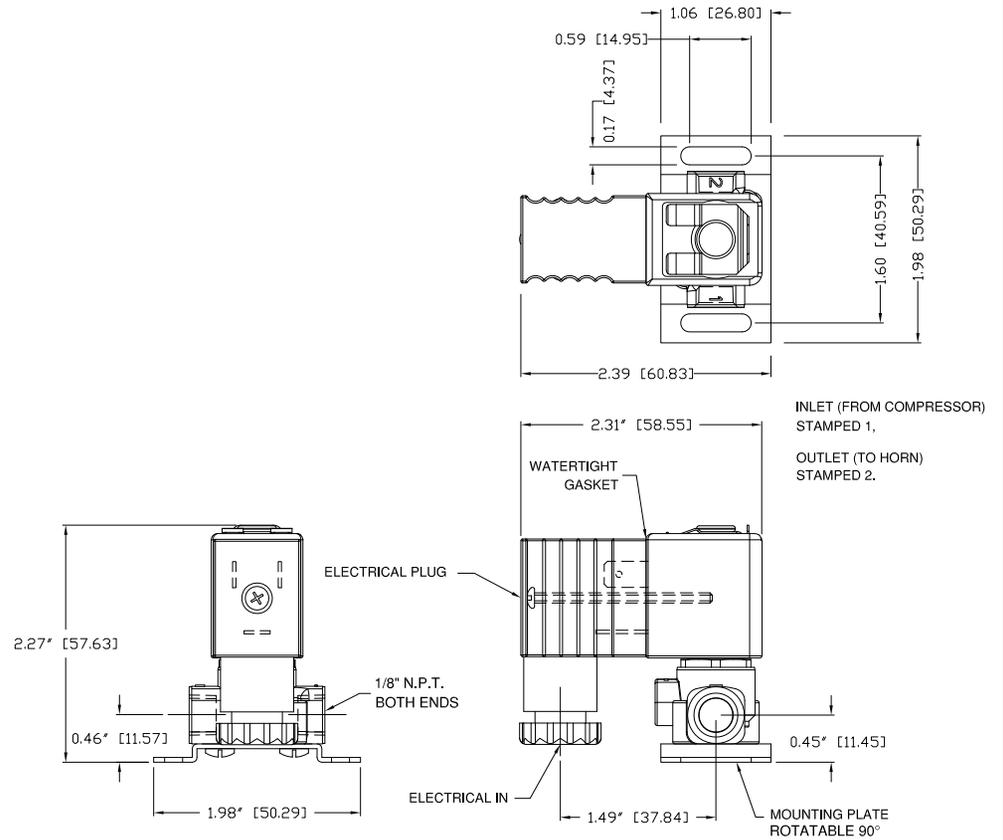
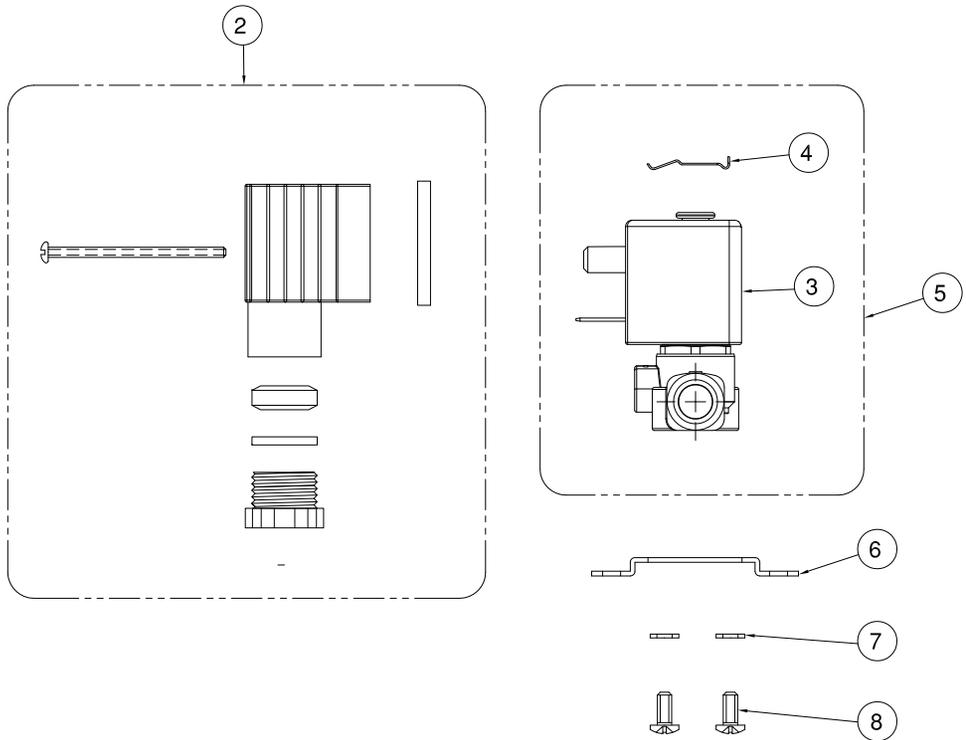
For repair or replacement parts, consult the parts list 2-5045. For sales and service, contact:

Kahlenberg Industries, Inc.
1700 12th Street, P.O. Box 358
Two Rivers, WI 54241, U.S.A.

Ph: 920-793-4507
Fx: 920-793-1346
www.kahlenberg.com

2-5045

REV.	BY	DATE	DESCRIPTION	APP'D.
D	ZN	04/25/12	UPDATED FOR NEW VALVE	EMK
E	ZN	07/20/16	UPDATED FOR NEW VALVE	EMK



* SPECIFY VOLTAGE WHEN ORDERING

ITEM	PART NO.	DESCRIPTION	QUAN.
* 1	V-69-K	SOLENOID VALVE KIT (COMPLETE) INCLUDING ITEMS 2 THROUGH 8	1
2	V-69-P	PLUG ASSEMBLY	1
* 3	V-69-C	SOLENOID VALVE COIL	1
4	V-69-R	RETAINING SPRING	1
* 5	V-69	SOLENOID VALVE (WITH COIL)	1
6	V-69-B	MOUNTING BRACKET	1
7	W100-004ST	WASHER, FLAT, M3	2
8	W078-038ST	SCREW, PAN HD. M3 X 8MM X .5MM PITCH	2

COIL VOLTAGES

12 V.D.C. 6.9 WATTS
24 V.D.C. 6.9 WATTS

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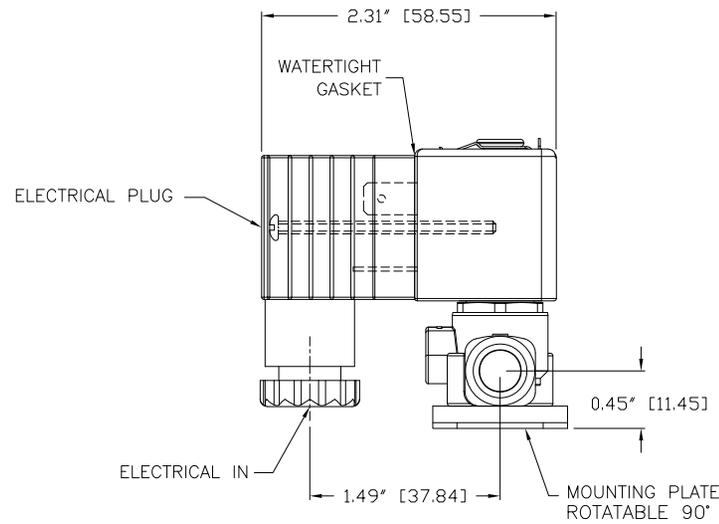
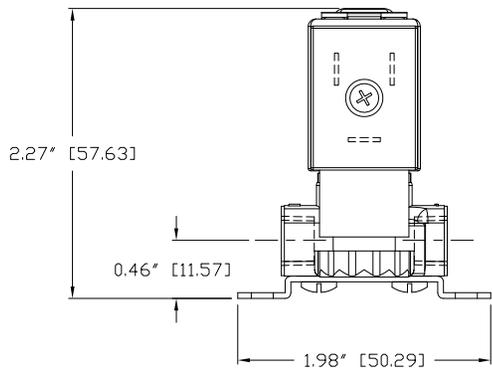
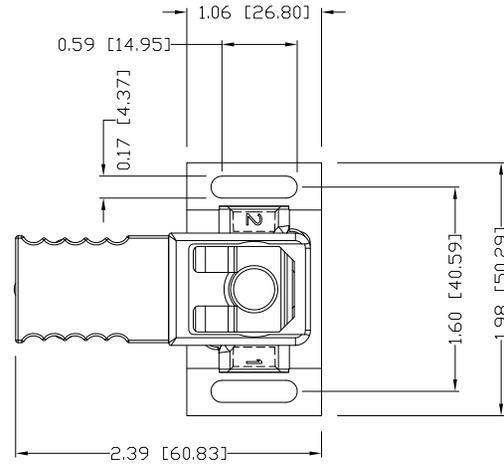


KAHLENBERG INDUSTRIES INC. TWO RIVERS, WISCONSIN 54241

PARTS LIST/ OUTLINE DIMENSIONS
V-69K SOLENOID VALVE KIT

DR.	DATE	CKD.	SCALE	DRWG. NO.	REV.
ZJN	02/19/08	EMK	N.T.S.	2-5045	E

REV.	BY	DATE	DESCRIPTION	APP'D
A	ZN	07/19/16	REVIDSED TO INCLUDE NEW VALVE	EMK



INLET (FROM COMPRESSOR)
 STAMPED 1,
 OUTLET (TO HORN)
 STAMPED 2.
 1/8" N.P.T. INLET & OUTLET

COIL VOLTAGES AVAILABLE ALL RATED AT 7 WATTS
12 VDC
24 VDC

CONFIDENTIAL		Kahlenberg			
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		SOLENOID VALVE KIT FIG. V-69K * VOLTAGE AS SPECIFIED			
DR.	DATE	CKD.	SCALE	DRWG. NO.	REV.
ZJN	01/21/97	EMK	N.T.S.	3-5919	A