

# SPEAKMAN COMPANY

## **AL-3 Installation, Maintenance & Operation Instructions**

### **ALARM SYSTEM**

#### **DESCRIPTION**

Emergency equipment alarm with electric audio and visual flashing light that is activated by a vapor proof flow switch. Unit is also equipped with a silencing switch.

#### **SPECIFICATIONS**

FLOW SWITCH: ¾" Vapor Proof Flow Switch (Dwyer #V6EPSSS60).

AUDIO/VISUAL DEVICE:

Audio: 85dB @10 Ft.

Visual: 75 Flashes per Minute Incandescent Bulb

SHIPPING WEIGHT: 15 lb.

#### **ELECTRICAL DATA:**

ELECTRICAL SUPPLY: 120 VAC, 60 Cycle, Single Phase.

ELECTRICAL RATING: 5.5 Amps @ 120 VAC.

COMPLIANCE: Unit rated for *NEMA 3R* outdoor/wet locations in *Non-Hazardous Locations*.

\*Power supply to be in compliance with (N.E.C.) **National Electric Code**.

#### **OPTIONS**

◇ DPDT (Double Pole, Double Throw Flow Switch For Remote Locations)
◇ BLUE DOME
◇ RED DOME
◇ CLEAR DOME
◇ Green DOME

#### **INSTALLATION**

To avoid electric shock make sure power supply is shut off before doing any electrical maintenance to this unit. Power supply requirement is 120 VAC, 60 cycle, single phase. Ground-fault protection should be GFPD with a nominal 30 milliampere trip level to prevent nuisance tripping. Minimum 15 AMP breaker is required. Make sure power supply and installation is in compliance with all local codes and the **National Electric Code** (N.E.C.).

#### **OPERATION**

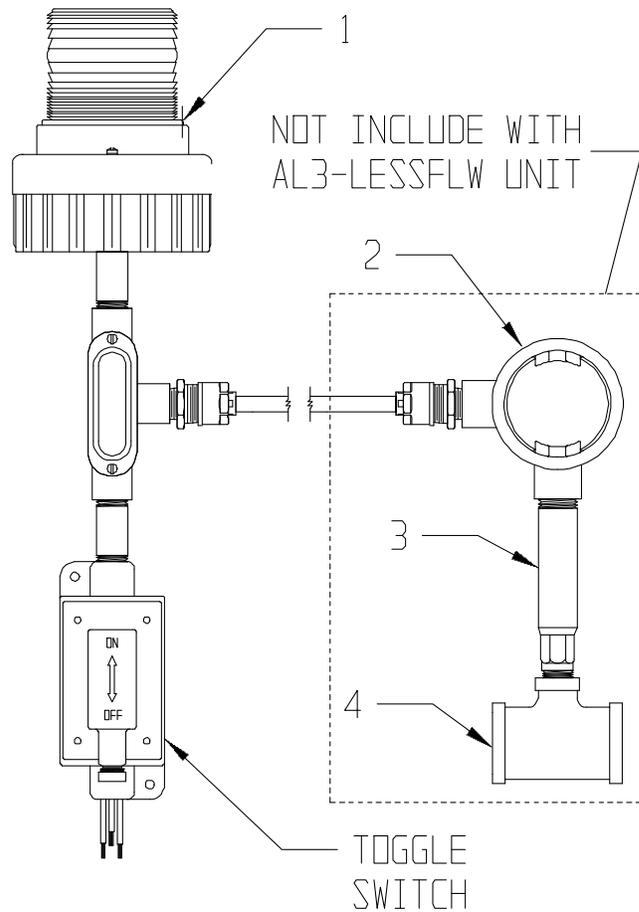
Horn sounds and light flashes automatically when emergency equipment is activated and water flow triggers the flow switch. Horn will sound and light will flash until emergency equipment is deactivated.

#### **TESTING PROGRAM**

The American National Standards Institute (ANSI) states that all safety emergency equipment shall be activated on a weekly basis to flush the line and verify proper operation. Speakman Company furnishes a testing record tag (91-0635) with each unit. On this tag the date of inspection and the inspector's initials should be noted.

## MAINTENANCE

To avoid electric shock make sure power supply is shut off before doing any electrical maintenance to this unit. Should you need to replace/repair any part on this unit, please reference the parts list below for correct part numbers. Be sure water supply is shut off if flow switch is being repaired.



## AL-3 REPLACEMENT/REPAIR PARTS

<u>ITEM</u>	<u>PART/GROUP #</u>	<u>DESCRIPTION</u>
1	76-0204	Audio/Visual Device
2	76-0173	(2) Outlet 3/4" Junc. Box
3	76-0172	SPDT Flow Switch
4	24-0253-GAL	1-1/4 X 1-1/4 X 1/2 Tee

**WARNING:** Use only genuine Speakman parts when repairing or replacing components. To order parts call 1-800-537-2107.

**SPEAKMAN®**  
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