

# SPEAKMAN COMPANY

## **AL2-C1D2 Installation, Maintenance & Operation Instructions**

### **ALARM SYSTEM**

#### **DESCRIPTION**

Emergency equipment alarm with electric horn and rotating light activated by a vapor proof flow switch. Alarm unit meets indoor / outdoor hazardous location requirements for Class 1, Division 2 Groups C, D electrical classification.

#### **SPECIFICATIONS**

ACTIVATOR: ¾" Vapor Proof Flow Switch.  
HORN: 100dB @ 10 Ft.  
LIGHT: 25 Watt Incandescent Bulb.  
SHIPPING WEIGHT: 21 lb.

#### **ELECTRICAL DATA:**

ELECTRICAL SUPPLY: 120 VAC, 60 Cycle, Single Phase.  
ELECTRICAL RATING: 5.5 Amps @ 120 VAC.  
COMPLIANCE: Unit rated for NEMA 4 Indoor/Outdoor *Hazardous Locations (Cl. 1, Div. 2, Groups C,D)*.

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

#### **OPTIONS**

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

Alarm sounds and lights flashes automatically when emergency equipment is activated. This continues until the emergency equipment is deactivated.

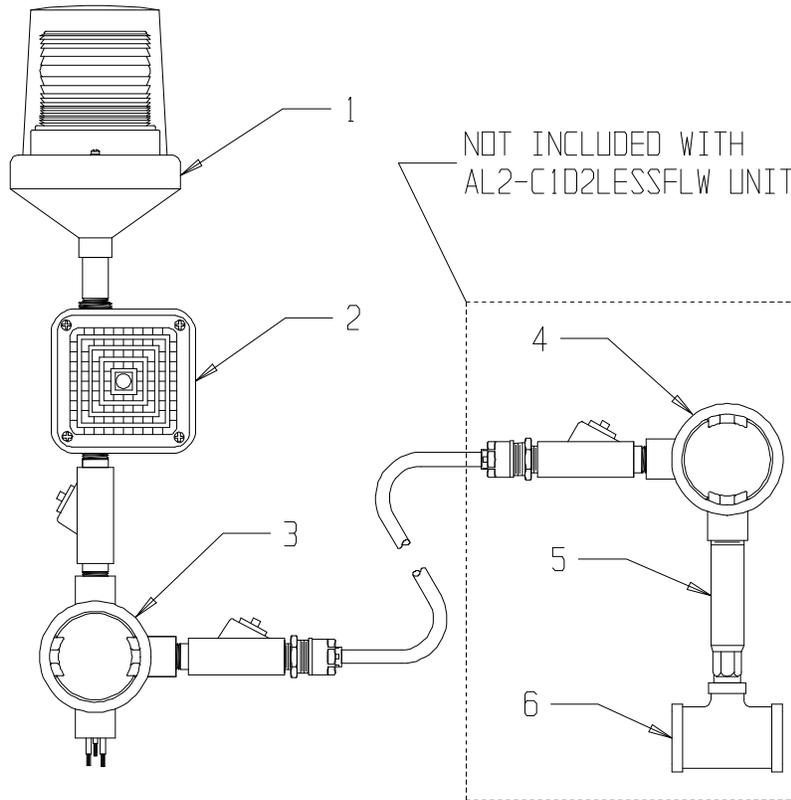
#### **TESTING PROGRAM**

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 number. Be sure water supply is shut off if flow switch is being repaired.

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



**AL2-C1D2 REPLACEMENT/REPAIR PARTS**

<u>ITEM</u>	<u>PART/GROUP #</u>	<u>DESCRIPTION</u>
1	76-0206	Visual Flashing Light
2	76-0207	Audible Horn
3	76-0208	(3) Outlet 3/4" Junction Box
4	76-0173	(2) Outlet 3/4" Junction Box
5	76-0172	SPDT Flow Switch
6	24-0253-GAL	1-1/4 X 1-1/4 X 1/2 Galv. Tee

**SPEAKMAN®**

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