

SPEAKMAN COMPANY

AL3-C1D2 Installation, Maintenance & Operation Instructions

ALARM SYSTEM

DESCRIPTION

Emergency equipment alarm with electric horn and rotating light activated by a vapor proof flow switch. Unit is also equipped with a silencing toggle 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.

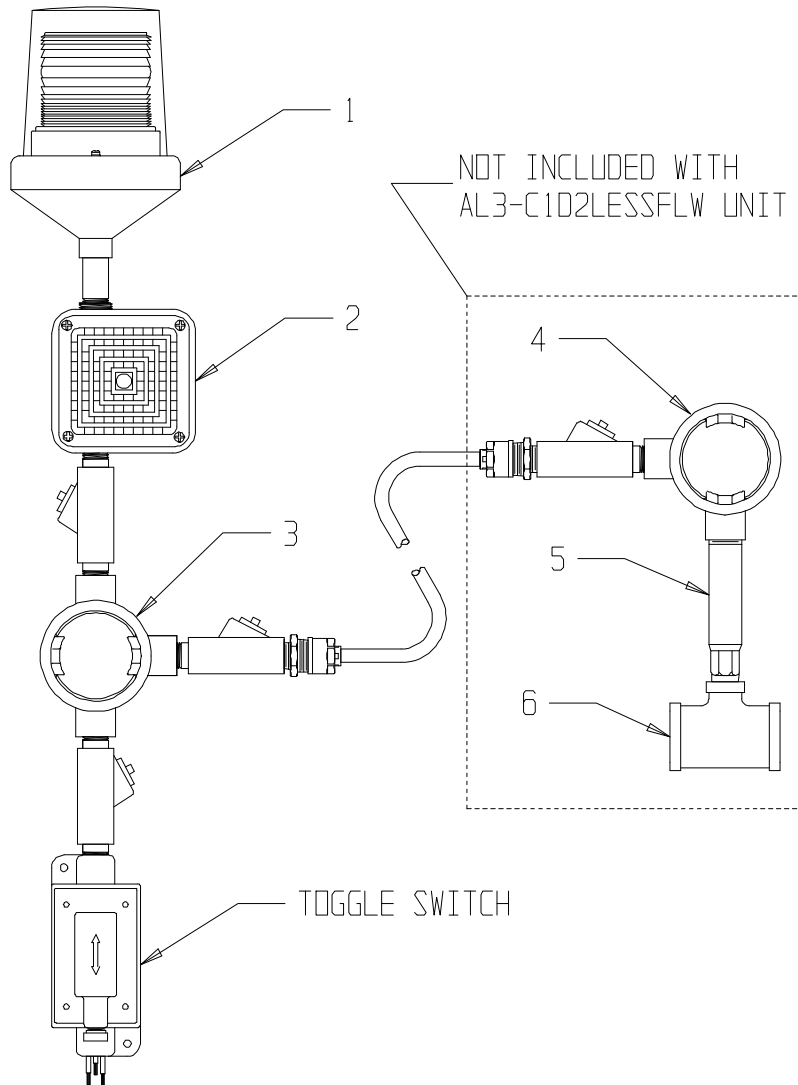
TESTING PROGRAM

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.



AL3-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®

PO Box 191 Wilmington, DE 19899 Phone: 800-537-2107 Fax: 800-977-2747
 Visit us on the web at www.speakmancompany.com