



Bard Part #8301-060 VDC Smoke Detector – use with DA/DL Series Units with PLC Logic Boards

FEATURES OF THE VDC SMOKE DETECTOR

The VDC Smoke Detector (Bard Part #8301-060) is designed to be used as a smoke detection device for equipment and telecommunication shelters. When used in conjunction with the PLC-controlled DA/DL Series Wall Mount Unit, the Smoke Detector can be used to detect smoke with a nominal sensitivity of 2.5% per foot nominal as measured in a UL smoke box.

- Dual color LED indication light which blinks to indicate power-up, normal standby, out of sensitivity, alarm and freeze trouble conditions.
- Listed to Underwriters Laboratories UL 268 for Fire Protection Signaling Systems.
- May be mounted to 3½" or 4" octagonal, single gang, or 4" square back boxes with a plaster ring or direct mount to the ceiling.
- Capable of automatically adjusting its sensitivity by means of drift compensation and smoothing algorithms.
- **Unit Electrical Specifications:**
 - 12/24V Non-Polarized, Minimum: 8.5V, Maximum: 35V
 - The Maximum Ripple Voltage shall be 30% peak-to-peak of applied voltage.
 - The Standby Current shall be 50 mA maximum average.
 - The Maximum Alarm Current shall be 50 mA.
 - The Alarm Contact Ratings shall be 0.5 A @ 30V AC/DC.
- Operating Temperature range is 32°F (0°C) to 100°F (37.8°C).
- Operating Humidity range is 0% to 95% RH non-condensing.
- Thermal Sensor is set to 135°F (57.2°C) fixed.
- Freeze Trouble Sensor is set to 41°F (5°C) fixed.
- Use 14-22AWG wires for input terminals. 4-Wire connection.



← 5.375" →



WARNING: This detector is added protection, not a substitute, for prudent safety measures where a fire hazard is present. For large or highly sensitive areas, use two (2) or more detectors. Refer to instructions provided with the Smoke Detector for additional information regarding safety, unit operation and proper installation.



Bard Manufacturing Company, Inc.
Bryan, Ohio 43506
www.bardhvac.com

Due to our continuous product improvement policy,
all specifications subject to change without notice.

Before purchasing this appliance, read important energy
cost and efficiency information available from your retailer.

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