

Thermotech 302-ET-135 — Product Data Sheet

Product Overview

- Thermotech 302-ET-135 is a 135°F (57.2°C) all-weather rate-anticipation heat detector for fire alarm systems.
- It is a normally-open device designed for fire detection and alarm applications.
- The 302-ET model is hermetically sealed for moisture-proof or dust-proof installations and uses a plastic hexagonal grip bushing with 1/2-inch conduit threads.
- Model 302-ET is intended for indoor and outdoor use; protect from sunlight and adverse conditions.

Key Features

- 135°F fixed-temperature rating.
- Rate-anticipation operation for rapid temperature rise.
- Self-restoring operation.
- Hermetically sealed construction.
- Shock resistant, corrosion resistant and tamper-proof.
- All-weather construction.
- Vertical mounting; the 302-ET may also be mounted horizontally.
- No special back box required.
- UL Listed and FM Approved for the applicable 302-ET models.

Technical Information

- Model: 302-ET-135.
- Ordering part number: 1430477.
- Description: Heat Detector, 135°F, Vertical Mount, Hex Bushing, All-Weather (may mount horizontal).
- Rated temperature: 135°F (57.2°C).
- Minimum ambient air temperature: -40°F.
- Maximum ceiling temperature for 135°F detector: 100°F.
- 302 Series smooth-ceiling UL spacing: 50 ft × 50 ft for applicable models.
- Horizontal mount UL spacing for 302-ET: 40 ft × 40 ft.
- Electrical ratings for the 302 Series: 6–125 VDC, 5 A; 6–25 VDC, 1 A; 125 VDC, 0.5 A.

Installation & Safety

- Installation must be performed by qualified personnel in accordance with applicable national and local codes and ordinances.

- Disconnect the power source before servicing.
- The 302-ET hexagonal grip bushing must be hand tightened only.
- Use a weatherproof box where a watertight seal is required.
- Keep the detector away from direct sunlight and radiating heat sources.
- Do not install in hot-air ducts or directly in the flow from heaters or heat ducts.
- Follow the latest manufacturer installation instructions and NFPA 72 requirements for spacing and application.