

## Features

- Standard and moisture-proof versions available
- Low profile design
- White plastic housing (standard versions only)
- Open or closed contact versions available
- Available in single or multiple circuit versions
- Product Includes a 5 year warranty



Model CR-135W



Model CR-135MP



7270-1110:0100



S2406



## Description

The CF/CR Series includes standard heat detectors as well as specialty versions for hazardous or moisture-proof applications. Each detector is available in single or multiple circuits with open and/or closed contact configurations. CF/CR Series detectors are available in 135°, 165°, 200°, and 285° Fahrenheit versions.

### CF Series

The CF Series detectors are Fixed Temperature only. They will operate when the detector reaches the applicable temperature. Fixed Temperature detectors are non-restorable.

### CR Series

The CR Series detectors are combination Rate-of-Rise and Fixed Temperature. The Rate-of-Rise function allows the detector to operate when the temperature at the detector increases at a rate of 15°F per minute. The Fixed Temperature portion will cause the detector to operate when it reaches the applicable temperature. The Rate-of-Rise portion of the detector is restorable; however the Fixed Temperature portion is non-restorable.

### MP Versions

Both the CF and CR detectors are available in MP (modified pigtail) versions for enhanced protection against moisture-laden environments.

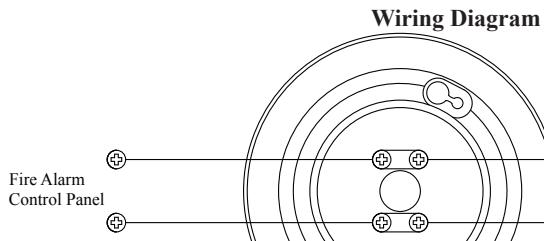
## CAUTION

All wiring must be installed in compliance with the local electrical code using approved cable, AWG 18 minimum. Begin electrical connections by stripping approximately 1" (2.5 cm) from the end of each wire. Insert the stripped end into the wire-retaining hole in the terminal bar, wrap clockwise around the terminal screw, and tighten. Circuit wiring must be broken at each terminal to ensure proper supervision.

## Technical Specifications

Dimensions	5.25" x 2"
Device Weight	0.41 lbs (0.19 kg)
Shipping Weight	0.6 lbs (0.3 kg)
Materials	Standard Detectors - Plastic MP Detectors - Aluminum
Contact Ratings	3 Amps at 125VAC 1 Amp at 28VDC 0.3 Amps at 125VDC
Environmental Limitations	-20°F (-30°C) - 250°F (120°C) Exclusive of Operating Temperature
Mounting	4" Octagon Backbox

## Installation



Devices mount on a 4" octagon backbox. The provided mounting ring covers wall imperfections.

## Engineering Specifications

Thermoflex® Model CR Series Automatic Rate-of-Rise Heat Detectors shall be installed in areas where ambient temperatures do not exceed 100°F. In areas where ambient temperature is above 100°F but will not exceed 150°F, specify CR-165 units. If ambient temperatures exceed 150°F, specify CR-200 or CF-285. In areas where sudden increases in ceiling temperature are normal, specify fixed temperature only units, with fusible settings of 135°F, 165°F, 200°F, or 285°F. The rate-of-rise operation responds to temperature increases of 15°F (8.4°C) per minute. Thermoflex® detectors shall be installed in areas where environmental conditions including dust, vapors, insects, etc. would cause an ionization or photoelectric type detector to initiate a false alarm.

## Ordering Information

Model	Description	Stock Number	Operating Tempurature	Maximum Installation Tempurature	Spacing*
CR-135W	Fixed/ROR, Indoor	1000140	135°F (57°C)	100°F (37.8°C)	70' (21m)
CR-165W	Fixed/ROR, Indoor	1000122	165°F (71°C)	140°F (60°C)	70' (21m)
CR-200W	Fixed/ROR, Indoor	1000141	200°F (93°C)	160°F (71°C)	70' (21m)
CF-135W	Fixed, Indoor	1000142	135°F (57°C)	100°F (37.8°C)	40' (12m)
CF-165W	Fixed, Indoor	1000121	165°F (71°C)	140°F (60°C)	25' (7.5m)
CF-200W	Fixed, Indoor	1000143	200°F (93°C)	160°F (71°C)	25' (7.5m)
CF-285W	Fixed, Indoor	1000152	285°F (140°C)	225°F (107.2°C)	25' (7.5m)
CR-135MP	Fixed/ROR, Outdoor	1000137	135°F (57°C)	100°F (37.8°C)	70' (21m)
CR-165MP	Fixed/ROR, Outdoor	1000162	165°F (71°C)	100°F (37.8°C)	70' (21m)
CR-200MP	Fixed/ROR, Outdoor	1000139	200°F (93°C)	150°F (65.6°C)	70' (21m)
CF-135MP	Fixed, Outdoor	1000136	135°F (57°C)	100°F (37.8°C)	40' (12m)
CF-200MP	Fixed, Outdoor	1000138	200°F (93°C)	150°F (65.6°C)	25' (7.5m)
CF-285MP	Fixed, Outdoor	1000125	285°F (140°C)	225°F (107.2°C)	25' (7.5m)

\* Assumes a flat, uninterrupted ceiling at a height not exceeding 10'/3m

For closed circuit versions, add a "C" to model (for example: CF-135CW, CR-135CW, etc.)

For dual circuit versions, add a "2" to model (for example: CF-135-2-W, CR-135-2-W, etc.)

For other available models contact customer service