

Conventional Fire Alarms

Heat Detectors, Double Contact

CF/CR Series



CR/CF Series heat detectors offer fixed temperature or combination rate-of-rise and fixed temperature detection.

A temperature increase at the sensor of 15°F (9°C) or more per minute activates the rate-of-rise feature, closing the contacts in the sensor to transmit the alarm condition to the fire alarm control panel. When the rate-of-rise element alone has been activated, the sensor is self-restoring.

If the temperature of the center disk rises to the sensor's rated temperature, the fixed temperature element activates, closing contacts in the sensor and transmits an alarm condition to the fire alarm control panel. The fixed temperature element is non-restorable and, when activated, the detector must be replaced. The need for replacement is indicated when the center disk has fallen free from the detector.

Edwards CR/CF Series heat sensors come standard with metal mounting plate. The plate is designed to install directly to a standard North American 3 ½ or 4 inch octagon box. Once the mounting plate is fixed, a simple twist will hold the detector in place.

Features and Specifications

- UL recommended for 70 ft. (21.3m) spacing
- Double pole — normally open contacts
- Low profile with mounting plate
- Aluminum finish
- Mounting flexibility with screw terminals
- Easy twist-on installation
- Positive operating indication — for fixed temperature element
- 70 ft. spacing (**CR models only**)

Ordering Information

Description	Cat. No.	Contact Rating		Temperature		UL Recommended		UL Max Distance from Wall ¹
		Amps	Voltage	UL Rating	UL Max Ambient at Ceiling	Coverage ¹	Spacing	
Heat Detector - Rate of Rise and Fixed Temp.	CR135-2	3.0	125V AC	135°F (57°C)	100°F (38°C)	4900 ft. ² (456 m ²)	70 ft. (21.3 m)	35 ft. (10.5 m)
		1.0	28V DC					
		0.3	125V DC					
		0.1	250V DC					
	CR200-2	3.0	125V AC	200°F (93°C)	150°F (66°C)	4900 ft. ² (456 m ²)	70 ft. (21.3 m)	35 ft. (10.5 m)
		1.0	28V DC					
0.3		125V DC						
Heat Detector - Fixed Temp.	CF135-2	3.0	125V AC	135°F (57°C)	100°F (38°C)	1600 ft. ² (149 m ²)	40 ft. (12.2 m)	20 ft. (6 m)
		1.0	28V DC					
		0.3	125V DC					
		0.1	250V DC					
	CF200-2	3.0	125V AC	200°F (93°C)	150°F (66°C)	1600 ft. ² (149 m ²)	40 ft. (12.2 m)	20 ft. (6 m)
		1.0	28V DC					
0.3		125V DC						
		0.1	250V DC					

¹From wall or projection extending down from ceiling more than 12 inches (305 mm).



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Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)
CR135-2	1.0
CR200-2	1.0
CF135-2	1.0
CF200-2	1.0

