

Model CR 135-C MP, CR 165-C MP and CR 200-C MP

Description: Heat Detector, Moisture-proof , Combination Rate-of-Rise and Fixed Temperature, 135 ° F, 165°F and 200°F respectively.

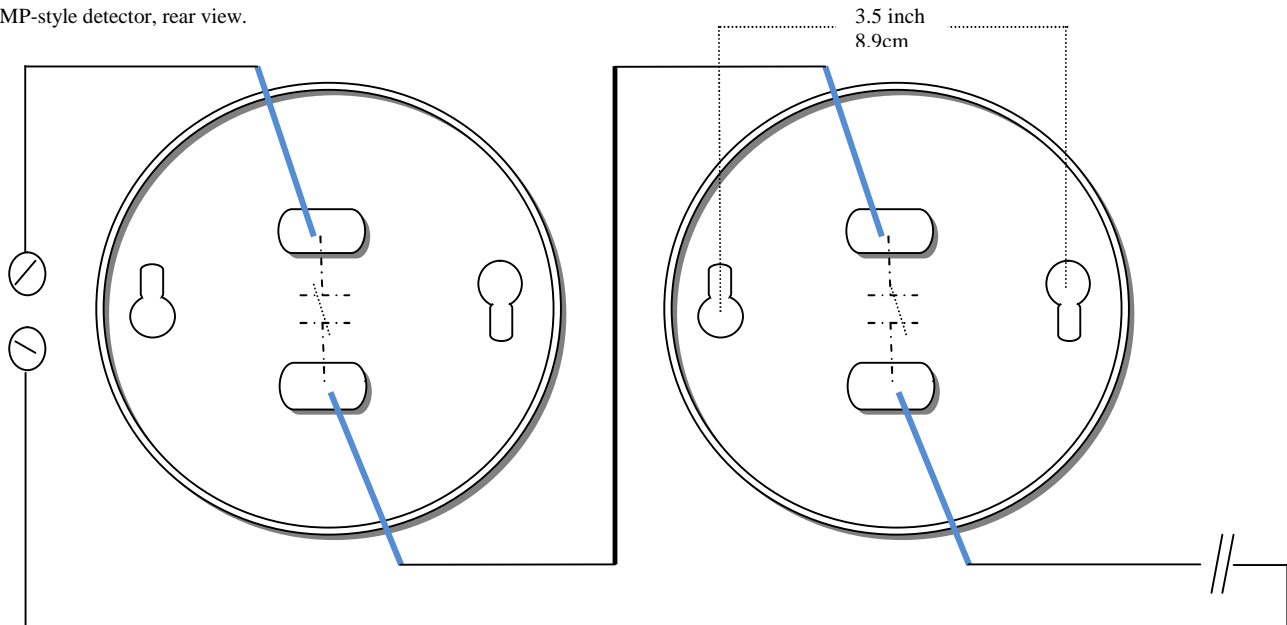
These detectors are *combination* Rate-of-Rise and Fixed Temperature,(sometimes referred to as “Dual Action”), incorporating wire leads that are connected to the internal set of Normally CLOSED contacts, and a seal plate to prevent moisture from damaging the unit. The normally closed contacts will open when the ceiling temperature **increases** at a (minimum) **rate** of 8.4 Celsius degrees (15 F. degrees) per minute. If the detector operates on its Rate-of-Rise only, the detector will reset as it cools.

The fixed temperature portion consists of a non-restorable, spring-loaded plunger retained by a fusible alloy that releases when the ceiling temperature reaches its fusing temperature. When released, the plunger strikes the contacts and holds them permanently *open*.

Model #	Release Temp. F	Release Temp. C	Color dot on fin	Spacing between detectors*
CR 135-C MP	135	57	None	70ft/12m
CR 165-C MP	165	71	Grey	70ft/12m
CR 200-C MP	200	93	White	70ft/12m

* assuming a flat, uninterrupted ceiling not exceeding 10ft/3m in height.

MP-style detector, rear view.



Notes to the Installer

1. This detector incorporates two (2) blue wire leads. Each wire lead is connected to one side of the Normally Closed set of contacts.
2. The rate-of-rise function may be tested by heating the unit with a controlled heat source such as a hair dryer held at a distance of 20 to 30 cm. for a period of 10 to 20 seconds.
3. Open flame devices should not be used to test the detector as the fusible link might operate causing the contacts to be open permanently.
4. Contact Rating: 3A @ 125 VAC, 1A @ 28 VDC, 0.3A @ 125 VDC, 0.1 A @ 250 VDC