

Flame Detectors

C554 Cadmium Sulfide Flame Detector



Dimensions, Approximate: 1 7/8 in. high x 1 in. long x 1/2 in. wide (47 mm high x 25 mm long x 13 mm wide)
CAD Cells: 130367 High Sensitivity CAD Cell 12 MA minimum sensitivity at 2 ft. candles
Temperature Range: 140 F (60 C)
Approvals
Canadian Standards Association: CSA Component Listed: File no. LR95329-1

- Photoconductive flame sensing device for sequencing oil burner systems.**
- On flame failure, the light sensitive cadmium sulfide cell, in conjunction with flame sensing circuitry, causes the Protectorelay® control to shutdown the main oil burner.
 - Glass-to-metal hermetic seal in plug-in cell prevents deterioration by humidity, soot or oil fumes.

Underwriters Laboratories, Inc: UL Listed: File no. MP268, Vol. 39, Sec. 1, Guide MCCZ

Accessories:
4074BJS-Oil line mounting bracket assembly, including nut and screw

Replacement Parts:
120320-Replacement Cell Assembly, 400-1600 Ohm Sensitivity
130367-Replacement Cell Assembly, 400-1000 Ohm Sensitivity

	Product Number	Lead Length		Electrical Connections	Mounting Bracket	Includes	Used With
		(inch)	(mm)				
•	C554A1463/U	60 in.	1524 mm	leadwires: NEC Class 1; Includes 2 flag 1/4 in. quick connects.	Type R	A, B, E, J and P mounting brackets and fuel line adaptor	R4166, R4184, R8182, R8184, R8185, R8404, R8991, R7997
*	C554A1794/U	60 in.	152.4 cm	leadwires: NEC Class 1	Type R	Type "E" mounting bracket and fuel line adaptor	R4166, R4184, R8182, R8184, R8185, R8404, R8991, R7997
* TRADELINE models • SUPER TRADELINE models							