

C554 Cadmium Sulfide Flame Detector



- 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.

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)
Replacement Parts: 120320 Replacement Cad Cell. 7.5 mA minimum sensitivity at 2 ft. candles; 130367 Replacement Cad Cell. 12.0 mA minimum sensitivity at 2 ft. candles.

Approvals:
Canadian Standards Association: CSA Component Listed: File no. LR95329-1
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

Residential
Combustion Controls

Product Number	Lead Length		Electrical Connections	Mounting Bracket	Description	Includes	Used With
	(inch)	(mm)					
• C554A1463	60 in.	152.4 cm	leadwires: NEC Class 1; Includes 2 flag 1/4 in. quick connects.	Type R	Cadmium-Sulfide Flame Detector with 60 in. leads, Type "R" mounting bracket and 130367 Cad Cell	A, B, E, J and P mounting brackets and fuel line adaptor	R4166, R4184, R8182, R8184, R8185, R8404, R8991, R7997
* C554A1794	60 in.	152.4 cm	leadwires: NEC Class 1	Type R	Cadmium-Sulfide Flame Detector with 60 in. leads, Type "R" mounting bracket and 130367 Cad Cell	Type "E" mounting bracket and fuel line adaptor	R4166, R4184, R8182, R8184, R8185, R8404, R8991, R7997

* TRADELINE models • SUPER TRADELINE models

A7184 Cad Cell Primary Tester



The A7184 Cad Cell Primary Tester is a convenient on-the-job tester that can be used for all R8184 and R7184 Cad Cell Primaries. It lets the service technician check out the primary quickly and easily by simply connecting it to the tester and plugging the tester into a standard 120 or 240 volt ac electrical outlet. This is an extremely rugged instrument with a minimum of electrical components and switches to use. It is an ideal carry-around that should be in every service person's tool kit.

Product Number	Description	Comments	Used With
A7184A1008	Cad Cell Primary Tester	120 Vac	R7184, R8184 Cad Cell Primaries.