



**3046-5**

**MERCURY FLAME SENSORS**

Prevent Gas Flow to Main Burner if Pilot Flame is Not Burning or is Insufficient to Properly Ignite Main Burner

**FEATURES**

- These sensors combine a rugged Snap-Action switch and powerful mercury actuated thermal element.
- May be used with natural, manufactured or mixed gases and with LP gases where means are provided for obtaining automatic pilot gas shut-off.
- Switch may be conveniently mounted in any position.
- Cover is easily removed, making switch terminals readily accessible.
- No button to depress – Sensors are recycling type which require relighting or possible restoration of proper gas pressure to return to operation.

**SPECIFICATIONS**

Timing . . . . . Contacts close approximately 60 seconds after pilot is ignited; open approximately 40 seconds after flame is extinguished  
 Agency . . . . . U.L. recognized and C.S.A. approved  
 Dimension . . . . . 2<sup>3</sup>/<sub>4</sub>" H x 2<sup>1</sup>/<sub>16</sub>" W x 1<sup>7</sup>/<sub>8</sub>" D

Model Number	Element Length	Electrical Rating		
		120 VAC	240 VAC	30 VAC
3046-5	48"	125 VA	125 VA	90 VA



**30A46-5**

**PLUG-IN TYPE MERCURY FLAME SENSORS**

Designed for use with White-Rodgers Diaphragm, "Cushioned Power" or "Silent Knight" Gas Valves having Plug-In Receptacle

**FEATURES**

- Plug-in feature requires no additional electrical connections or mounting devices.
- Sensor combines a rugged Snap-Action SPDT switch and powerful mercury actuated thermal element.
- May be used with natural, manufactured or mixed gases and with LP gases where means are provided for obtaining automatic pilot gas shut-off.
- No button to depress – Sensors are recycling type which require relighting or possible restoration of proper gas pressure to return to operation.
- The SPDT switch can energize ignitor circuit to relight pilot (as with roof top units).

**SPECIFICATIONS**

Timing . . . . . Contacts close approximately 60 seconds after pilot is ignited; open approximately 40 seconds after flame is extinguished  
 Agency . . . . . C.S.A. approved

Model Number	Element Length	Electrical Rating			Comments
		120 VAC	240 VAC	30 VAC	
30A46-5	48"	125 VA	125 VA	90 VA	stud mount element
30A46-105	12"	125 VA	125 VA	90 VA	sleeve over element, no stud mount