



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. certified, A.G.A. design certified & C.G.A. certified

Dimensions 2³/₄" H x 2¹/₁₆" W x 1⁷/₈" 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 U.L. recognized, A.G.A. design certified and C.G.A. certified

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

FURNACE