



1950-001



1951-001

THERMOPILES

1950 and 1951 Series

The Robertshaw® 1950 and 1951 Series Thermopiles lead the industry for gas appliance applications. Their primary function is to ensure a standing pilot light is operative so that on a call for heat, the main burner gas will be properly ignited. Thermopiles are placed in gas applications to detect the existence of a flame for safety purposes by shutting off the potential gas flow to a burner.

A thermopile is the assembly of many thermocouples to increase the millivolt output.

Robertshaw thermopiles have two types of connections: coaxial and two-wire spade connectors. The 1950 Series Thermopiles, also known as TP-75, are two-wire spade connectors. The 1951 Series Thermopiles, also known as CP-2 (250 to 750 millivolts), are coaxial connectors. The 1950 and 1951 Series Thermopiles (pilot generators) are designed for use on self-powered gas control systems. They can be used to replace similar competitive devices.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects, or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Features and Benefits

- Easy burner installation with attached threaded nut
- Stainless steel outer jacket for long life and resistance to heat blistering
- Combination of copper and nickel alloys for good electrical conductivity
- Mica washer to insulate from shorting conditions
- Tinnerman clip included
- Various lengths available for multiple applications

Specifications

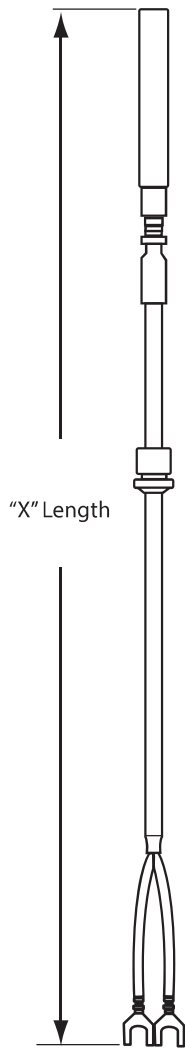
Part Numbers	Description	"X" Length	Includes	Connection Type	Open Circuit Output
1950-001	Thermopile	36" (91cm)	PG9 Pilot Adaptor	Two Lead	250-750 mV
1950-002	Thermopile	48" (120cm)	PG9 Pilot Adaptor	Two Lead	250-750 mV
1950-532	Thermopile	36" (91cm)	NA	Two Lead	250-750 mV
1951-001	Thermopile	36" (91cm)	PG9 Pilot Adaptor	Coaxial	250-750 mV
1951-536	Thermopile	36" (91cm)	NA	Coaxial	250-750 mV
21424 (SA)	Unitrol® 110 Thermopile	914mm	NA	Two Lead	NA





Product Drawings

1950 Series



1951 Series

