



THERMOCOUPLE SERIES



1960 Series



1970 Series



1980 Series

The Robertshaw® Thermocouple Series includes the 1900, 1960-027, 1970 and 1980 models. The 1960-027 thermocouple is a special low-mass or quick dropout thermocouple. The 1960-027 is usually used on applications that require an oxygen depletion system on the thermo safety. It is also used on many LP gas applications that require a quick dropout of the thermo safety if there is a loss of pilot flame. This thermocouple has standard threads, and WILL NOT fit applications with metric threads.

The Robertshaw 1900 Series and 1970 Series Uni-Couple® design allows for installation to virtually all pilot burners. The versatile zip nut may be pushed, pulled or threaded onto the thermocouple's rolled threads for proper positioning in every application.

The Robertshaw 1980 Series Snap-Fit Thermocouples offer easy installation into the majority of pilot burners. They are manufactured without complicated adaptors, but with extra insulation that the brass sheath provides under high ambient temperatures.

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	"cm" Length (inches)
1900-018	T-46 Thermocouple	45cm (18")
1900-024	T-46 Thermocouple	60cm (24")
1900-030	T-46 Thermocouple	76cm (30")
1900-036	T-46 Thermocouple	91cm (36")
1900-048	T-46 Thermocouple	120cm (48")
1900-072	T-46 Thermocouple	182cm (72")
1960-027	Low Mass Thermocouple	68cm (27")
1970-018	Uni-Couple® 20 to 30 Millivolts	45cm (18")
1970-024	Uni-Couple 20 to 30 Millivolts	60cm (24")
1970-030	Uni-Couple 20 to 30 Millivolts	76cm (30")
1970-036	Uni-Couple 20 to 30 Millivolts	91cm (36")
1970-048	Uni-Couple 20 to 30 Millivolts	120cm (48")
1970-060	Uni-Couple 20 to 30 Millivolts	152cm (60")
1970-072	Uni-Couple 20 to 30 Millivolts	182cm (72")
1980-012	Snap-Fit Thermocouple	30cm (12")
1980-018	Snap-Fit Thermocouple	45cm (18")
1980-024	Snap-Fit Thermocouple	60cm (24")
1980-030	Snap-Fit Thermocouple	12cm (30")
1980-036	Snap-Fit Thermocouple	91cm (36")
1980-048	Snap-Fit Thermocouple	120cm (48")
1980-060	Snap-Fit Thermocouple	152cm (60")
1980-072	Snap-Fit Thermocouple	182cm (72")
1980-818 (CAN)	Snap-Fit Thermocouple	45cm (18")
1980-824 (CAN)	Snap-Fit Thermocouple	60cm (24")
1980-830 (CAN)	Snap-Fit Thermocouple	12cm (30")
1980-836 (CAN)	Snap-Fit Thermocouple	91cm (36")

Product Drawings

1980 Series

