

# Thermopiles and Thermocouples Selection Guide

## Q370A Thermocouple



The Q370 Thermocouple is a quick dropout thermocouple that generates 30mV.

- The Q370 has various adapters for different mounting possibilities in various pilot burners.

**Application:** Thermocouple

**Voltage:** 30 mV; Output after 60 S: 22mV minimum

**Drop Out Time:** 30 sec

**Temperature Ratings:** Hot Junction – 650°C ± 50°C; Cold Junction – 415°C

Material Number	Description	Length	Resistance
Q370A 1014	This 30 mV Thermocouple includes 900 mm leads with 8 adapters.	35 1/2 in. (900 mm)	0.025 to 0.031 ohms

## Thermocouple and Thermopile Accessories

Material Number	Description	
394530/U	Thermocouple Tester	

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Thermocouples						
Lead Length (in.)	Universal	Tradeline	Cross Reference			
			White-Rodgers	Robertshaw	Husky	Johnson Controls
18	Q340A1066/U	Q390A1095/U	H06E-518, H06E-18	—	K16BT-18	K19AT-18
24	Q340A1074/U	Q390A1046/U	H06E-524, H06E-24	1970-24, 1980-24	K16BT-24	K19AT-24
30	Q340A1082/U	Q390A1053/U	H06E-530, H06E-30	1970-30	K16BT-30	K19AT-30
36	Q340A1090/U	Q390A1061/U	H06E-536, H06E-36	1970-36, 1980-36	K16BT-36	K19AT-36
48	Q340A1108/U	Q390A1103/U	H06E-548, H06E-48	—	K16BT-48	K19AT-48

Thermopiles				
Lead Length (in.)	Universal	Connection	Includes	Replaces
35	Q313U3000	Spade Terminal	Push-In clip, PG9 adapter, 1/2" attaching nut, Split nut, spade to QC adapter	Q313A1022, Q313A1139, Q313A1170, Q313A1188
47	Q313A1055		1/2" attaching nut	