

Gas Burner Controls—Pilot Accessories

Q340 Thermocouple . . . Preferred By More Installers Because It's So Easy To Install

Sixty-two percent of installers reading Air Conditioning, Heating and Refrigeration NEWS prefer Honeywell thermocouples to other brands, according to a survey commissioned by Honeywell.

The reason: the unique, *universal adapter* of the Q340 makes for fast, easy, one-hand installation. You get perfect on-target positioning every time with the Q340 "Bulls Eye" Thermocouple. Here's why:

Positive Positioning

Special shoulders on the adapter and thermocouple stop the tip in exactly the right position relative to the flame. No laborious alignment by eye or by trial and error.

Fewer Fittings

Just two fittings—our universal adapter and extra push-in clip—are all you need for any type installation. No more frustrating mixing and matching many different fittings to get the right combination.

Bottom-Lock Design

In all cases the Honeywell Q340 installs from the *bottom*, with *one hand*. This is important, since some pilot burners are virtually inaccessible from the top.

Quality . . . The Inside Story

It's what you can't see that makes up the most important part of a thermocouple.

There are many factors that determine the electrical output and life expectancy of a thermocouple.

By far the most important factor is the thickness of the inner Copel element. When Copel (an alloy of copper and nickel) and a dissimilar metal are joined, and the heat of a pilot flame is applied to the junction, an electric current is generated. This heat, over time, causes the Copel to oxidize and gradually "disappear."

More Copel in a thermocouple means a longer life. Unfortunately, you *can't tell* how thick the Copel is in a thermocouple by looking at it, *unless* you cut apart the steel jacket.

The Copel element in Honeywell's Q340 is *thicker* than all other thermocouples on the market.

You simply can't buy a better quality, longer-life thermocouple than Honeywell's Q340.

Q340 Universal 30 mV Thermocouples

There is a Q340 for every gas-fired heating system application.

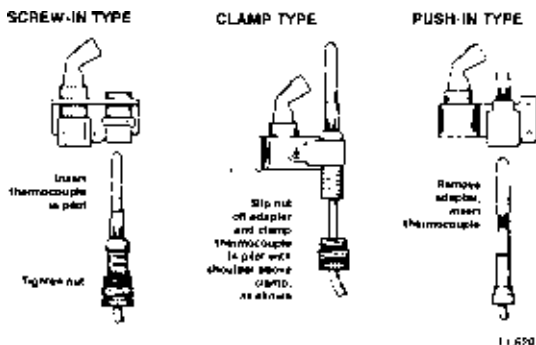
- Replace almost any 30 mV thermocouple.
- Average operating life of ten years.
- Add the 392451-1 or 393200-1 ECO Adapter to hook up a high limit switch in series with the thermocouple.
- Available in a variety of lead lengths—18 to 48 in. (0.5 to 1.2 m).



*TRADELINE models. • SUPER TRADELINE models.

Order Number	Lead Length	
	in.	m
*Q340A1066	18	0.5
•Q340A1074	24	0.6
*Q340A1082	30	0.8
•Q340A1090	36	0.9
*Q340A1108	48	1.2
*Y540A1004a	36	0.9

Mounting the Q340 Thermocouple.



aY-pack includes 100-36 in. (0.9 m) Q340 thermocouples, adapter assembly, and furnace stickers (form 69-0207). See the next page for information on furnace sticker.