

# Igniters and Sensors

## Q3200 Glowfly™ Universal Hot Surface Igniter Kit



The Q3200U Universal Hot Surface Igniter Kit is designed to provide a robust field service replacement igniter in gas fired appliances with Norton/St Gobain 120 VAC silicon carbide hot surface igniters. The Q3200U uses a 120 volt silicon nitride igniter design with long life and high resistance to damage or burn out in the appliance.

The kit includes the specially designed silicon nitride igniter and six different bracket configurations to adapt the igniter to the specific appliance application along with accessory parts to allow mounting and wiring the igniter. Clear instructions and application templates are provided to simplify selection of the proper bracket and ease installation of the replacement.

**Mounting Bracket:** Multiple brackets to adapt as field replacement of Norton / St. Gobain silicon carbide igniters

Product Number	Description
Q3200U1004/U	Glowfly™ Universal Hot Surface Igniter. Single Kit
Q3200U2002/U	Glowfly™ Universal Hot Surface Igniter. Service Pack of 6 kits

## Q347 Spark Igniter



**Produces spark for direct ignition of main burner.**

- Includes inner Kanthal electrode with ceramic insulator, bracket and Kanthal ground strap.
- Use with S87C, D, K; S89E,F and Q354A.

**Mounting Bracket:** Bracket Style D

**Approvals**

**CSA International:** 112395

Product Number	Length		Mounting		Rod Angle
	(inch)	(mm)	(inch)	(mm)	
Q347A1004/U	2 1/32 in.	52 mm	One 3/16 in. slot, three 3/16 in. untapped screw holes.	One 5 mm slot, three 5 mm untapped screw holes.	standard orientation
Q347A1012/U	2 1/32 in.	52 mm	One 3/16 in. slot, three 3/16 in. untapped screw holes.	One 5 mm slot, three 5 mm untapped screw holes.	90½ angle

## Q354 Flame Rectification Sensor



**Detects the presence of main burner flame.**

- Includes Kanthal rod supported by ceramic insulator and mounting bracket.
- Use with S825, S87C,D,K or S89E,F.

**Mounting Bracket:** One 3/16 in. slot, three 3/16 in. untapped screw holes.

**Approvals**

**CSA International:** 112395

Product Number	Length		Mounting		Rod Angle
	(inch)	(mm)	(inch)	(mm)	
Q354A1018/U	6 3/8 in.	162 mm	One 3/16 in. slot, three 3/16 in. untapped screw holes.	One 5 mm slot, three 5 mm untapped screw holes.	straight