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	Glowfly(TM) Universal Hot Surface Igniter. Single Kit
Q3200U2002	Glowfly(TM) Universal Hot Surface Igniter. Service Pack of 6 kits

* TRADELINE models • SUPER TRADELINE models

Q347 Spark Igniter

Produces spark for direct ignition of main burner.
- Includes inner Kanthal electrode with ceramic insulator, bracket and Kanthal ground strap.
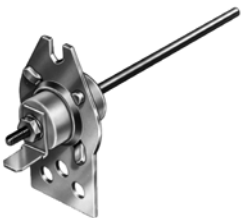- Use with S87C, D, K; S89E,F and Q354A.

Ignitor, Sensor, Combination: Ignitor Only
Mounting Bracket: Bracket Style D

Product Number	Length (inch)	(mm)	Mounting (inch)	(mm)	Rod Angle	Description
Q347A1004	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	Spark Ignitor Sensor with style D mounting bracket
Q347A1012	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.	90 degree angle	Spark Ignitor Sensor with style D mounting bracket

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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.

Ignitor, Sensor, Combination: Sensor Only
Mounting Bracket: One 3/16 in. slot, three 3/16 in. untapped screw holes.

Product Number	Length (inch)	(mm)	Mounting (inch)	(mm)	Rod Angle	Description
Q354A1018	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	Flame Sensor with 6.37 in. rod height used with S825 or S87

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Residential Combustion Controls