

# SureFire™ II

## Igniters & Pilots



### Forced Draft Gas Pilots

SP-32NG-FD-xxx / SP-32PG-FD-xxx  
SP-48NG-FD-xxx / SP-48PG-FD-xxx

**32mm or 48mm outer diameter sizes**

Fireeye SureFire II gas pilots are reliable and suitable for a majority of power generation, refinery and petrochemical applications.

The SureFire forced draft gas pilots are available with an outer diameter of 32 or 48 mm, for intermittent or continuous duty and class 1 to 3 applications. The pilot is constructed of high-quality materials and each unit is checked and tested before dispatch. Provides a stable flame for ignition repeatability and no moving parts help ensure long, trouble-free operation with low maintenance costs.

#### Features

- Natural gas (NG) or propane gas (PG) options
- Outer diameter 32 or 48 mm
- Suitable for intermittent or continuous duty
- Suitable for Class 1 to 3 applications
- Designed to light off gas or oil main burners
- Compatible with 16 mm outer diameter ignition rods with a coaxial electrode arrangement
- Compatible with Fireeye high energy spark igniters (HESI)
- Compatible with Fireeye high tension spark igniters (HTI) complete with spark & sense functionality (ionization flame detection)
- Special design provides a protected ignition and flame stabilization zone in air tube



**SUREFIRE™**



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## Specifications

	SP-32-NG-FD-xxx	SP-32-PG-FD-xxx	SG-48-NG-FD-xxx	SP-48-PG-FD-xxx
Air Tube Outer Diameter	32 mm	32 mm	48 mm	48mm
Mounting Tube Outer Diameter	38 mm	38 mm	55 mm	55 mm
Draft Type	Forced draft (FD)	Forced draft (FD)	Forced draft (FD)	Forced draft (FD)
Fuel	Natural gas	Propane gas / LPG	Natural gas	Propane gas / LPG
Capacity	19 - 37 kW at 20 - 80 kPa	28 - 52 kW at 20 - 80 kPa	63 - 132 kW at 20 - 80 kPa	98 - 203 kW at 20-80 kPa
Ignition Rod Outer Diameter	16 mm	16 mm	16 mm	16 mm
Ignition Rod Length Range	0.5 - 3.0 m (longer upon request)			
Operating Temperature	Maximum continuous 300°C, stabilizer, end of gas and air tube 500°C			
Material	All parts: 304/316 stainless steel and heat-resistant steel 310/330 stainless steel			

Refer to Bulletin SF-300/SF-500 for more complete specification information.

