

SureFire II™ Gas Pilots



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

32mm OD or 48mm OD Natural Draft Gas Pilots

Fireeye SureFire II Gas Pilots are reliable and suitable for a majority of Power Generation, Refinery and Petrochemical applications.

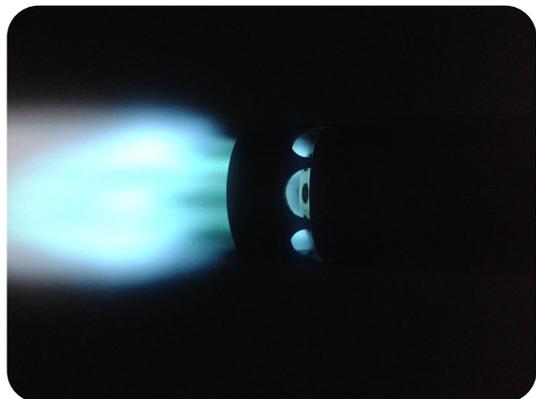
The SureFire natural draft gas pilots are available with an outer diameter of 32 or 48 mm, for intermittent or continuous duty and class 1 to 3 applications. The pilot is constructed of high-quality materials and each unit is checked and tested before dispatch. Provides a stable flame for ignition repeatability and no moving parts 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 16mm outer diameter ignition rods with a co-axial 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.
- Also available in forced draft (FD)



Natural
Draft



SUREFIRE™



Specifications

Part Number	SP-32-NG-ND-xxx	SP-32-PG-ND-xxx	SG-48-NG-ND-xxx	SP-48-PG-ND-xxx
Air Tube Outer Diameter	32mm	32mm	48mm	48mm
Mounting Tube Outer Diameter	38mm	38mm	55mm	55mm
Draft Type	Natural draft (ND)	Natural draft (ND)	Natural draft (ND)	Natural draft (ND)
Fuel	Natural gas	Propane gas / LPG	Natural gas	Propane gas / LPG
Capacity	17 - 34 kW at 20 - 80 kPa	26 - 49 kW at 20 - 80 kPa	20 - 46 kW at 20 - 80 kPa	35 - 74 kW at 20 - 80 kPa
Ignition Rod Outer Diameter	16mm	16mm	16mm	16mm
Ignition Rod Length Range	0.5 - 2.0 m - longer upon request			
Operating Temperature	Max. 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.

