

# SureFire II™ Gas Pilots Forced Draught - 32 or 48mm



## SUREFIRE™

### Gas Pilots

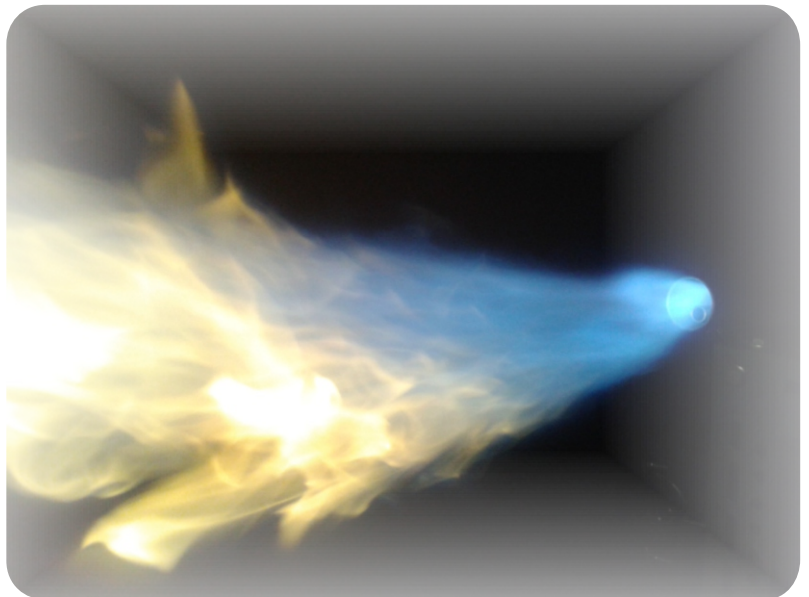


- Natural or Forced Draught, outer diameter 32 or 48 mm, for intermittent or continuous duty, Class 1 to 3
- suitable for majority of Power, Refinery and Petrochem Industry applications
- designed to light off gas and oil main burners as an intermittent or a continuous gas pilot
- the sources of ignition are electrical Igniters HTI or HESI, manufactured by IP&S, with the ignition rods of outer diameter 16 mm and co-axial electrode arrangement
- suitable for operation with HTI igniters capable of Spark & Sense mode - ionization flame detection
- special design provides a protected ignition and flame stabilization zone in air tube

The pilot is constructed of high quality materials, and each unit is checked and tested before dispatch. Unit construction provides a stable flame, ignition repeatability. No moving parts ensure long, trouble-free operation with low maintenance costs.

**GAS  
PILOTS**

**FORCED DRAUGHT**



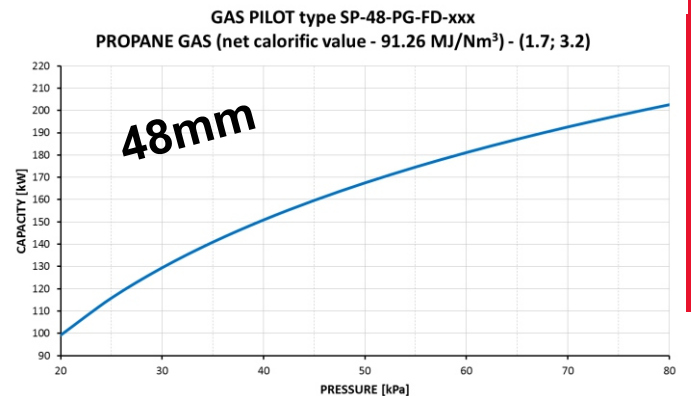
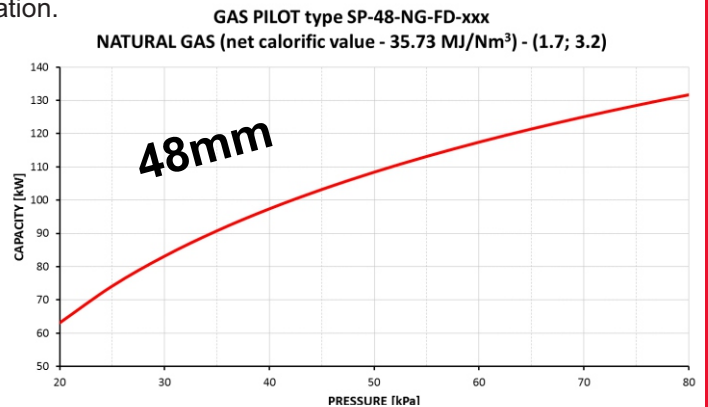
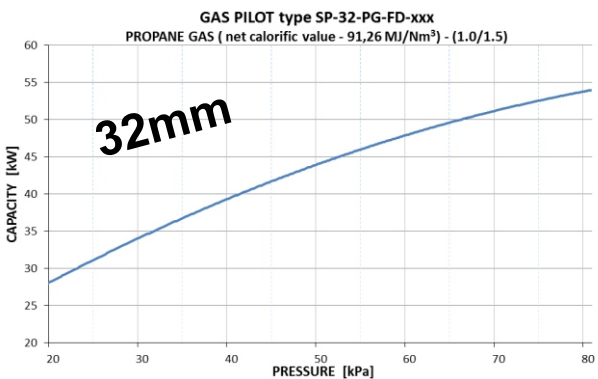
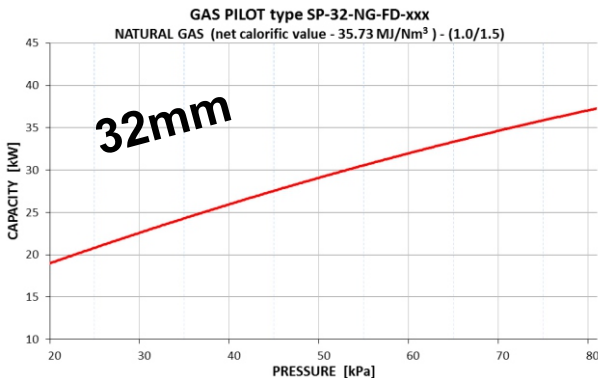
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## SPECIFICATIONS:

Fuel:	Two standard versions for Natural Gas (NG) and for Propane Gas or LPG (PG)
Outer diameter of the air tube	<b>32.0 mm</b>
Outer diameter of the mounting tube	38.0 mm
Outer diameter of the ignition rod	≤16.0 mm
Capacity range:	Natural Gas 19 ÷ 37 kW at 20 ÷ 80 kPa - see capacity vs. pressure graph below Propane Gas 28 ÷ 52 kW at 20 ÷ 80 kPa - see capacity vs. pressure graph below
Operating temperature max.:	Continuous 300°C, orifice-stabilizer, end of gas and air tube 500°C
Igniter rod reference length range:	"L" 0.5 ÷ 3.0 m - longer upon request
Material used for pilot construction all parts:	304/316 SS and heat-resistant steel 310/330 SS
Outer diameter of the air tube:	<b>48.0 mm</b>
Outer diameter of the mounting tube:	55.0 mm
Outer diameter of the ignition rod:	≤16.0 mm
Capacity range:	Natural Gas 63 ÷ 132 kW - see capacity vs. pressure graph below Propane Gas 98 ÷ 203 kW - see capacity vs. pressure graph below
Operating temperature:	Max. continuous 300°C, swirler-stabilizer, end of gas and air tubes 500°C
Igniter rod reference length range:	"L" 0.5 ÷ 3.0 m - longer upon request
Material used for pilot construction all parts:	304/316 SS and heat-resistant steel 310/330
Air flow and pressure	Forced draught

# FORCED DRAUGHT

NOTE: Refer to Bulletin SF-200/SF-600 for more complete information.



Fireye is a leading manufacturer of flame safeguard controls and burner management systems for commercial and industrial applications throughout the world. Our products can be found in a variety of public buildings, commercial properties, power plants, pulp and paper mills, petrochemical facilities and food processing plants. Fireye is a part of Carrier (NYSE: CARR).

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FORCED DRAUGHT