

# SureFire™ II Gas Pilots

## Natural Draught - 32 or 48mm



# SUREFIRE™

## Gas Pilots

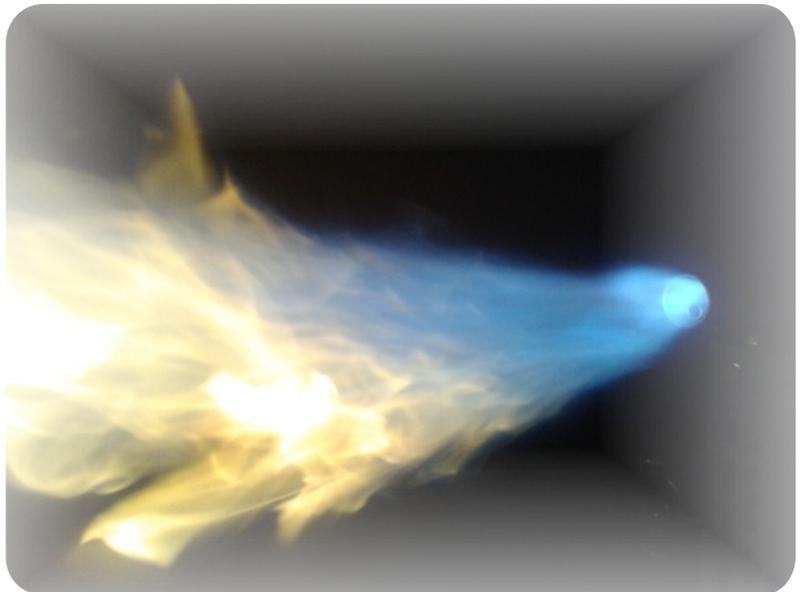


- Natural or forced draught, outer diameter 32 or 48 mm, for intermittent or continuous duty, Class 1, 2 and 3
- Suitable for majority of power, refinery and petrochem industry applications
- Designed to light off gas and oil main burners as an intermittent or a continuous gas pilot
- The sources of ignition are electrical igniters HTI or HESI, 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 and ignition repeatability. No moving parts ensure long, trouble-free operation with low maintenance costs.

**GAS  
PILOTS**

**NATURAL DRAUGHT**



APPROVED

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MF-00-4-0010-0-001-B

# NATURAL DRAUGHT

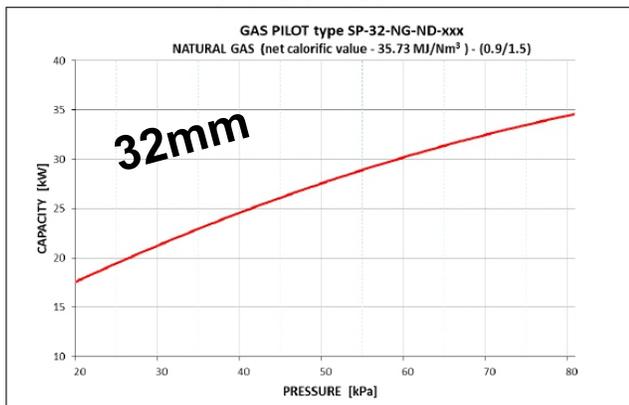
## SPECIFICATIONS:

Fuel:	Two standard versions for natural gas (NG) and for propane gas or LPG (PG)
Outer diameter of the air tube: Capacity range:	<b>32mm</b> Natural gas 17 - 34 kW at 20 - 80 kPa - see capacity vs. pressure graph below Propane gas 26 - 49 kW at 20 - 80 kPa - see capacity vs. pressure graph below
Special capacities available, consult factory	
Air flow and pressure:	Natural draught
Operating temperature:	Max. continuous 300°C, stabilizer, end of gas and air tube 500°C
Igniter rod reference length range "L":	0.5 - 2.0 m - longer upon request
Material used for pilot construction:	All parts: 304/316 SS and heat-resistant steel 310/330 SS

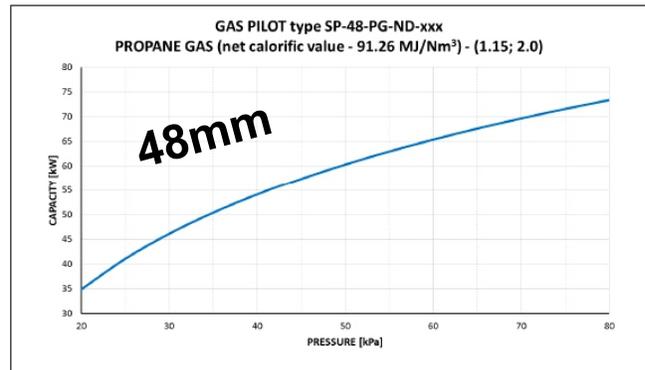
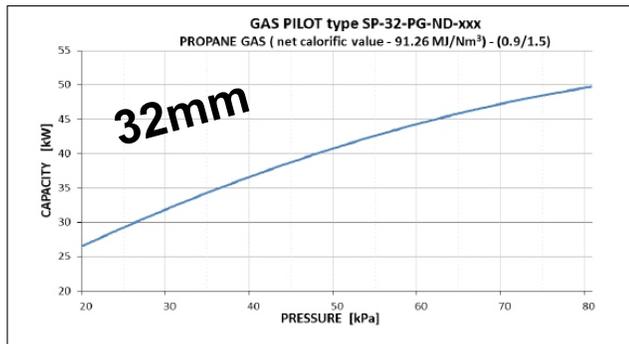
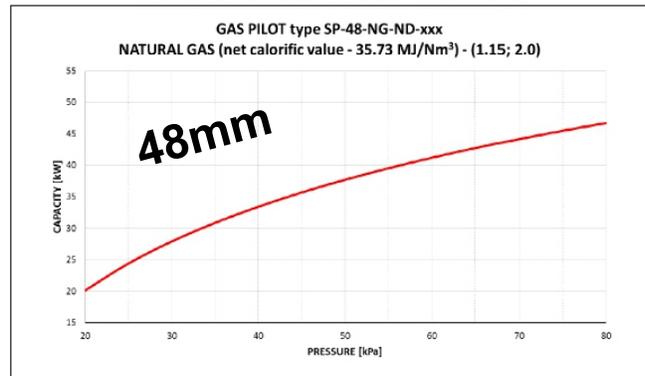
Outer diameter of the air tube:	<b>48mm</b>
Outer diameter of the air tube:	48mm
Outer diameter of the mounting tube:	55mm
Outer diameter of the ignition rod:	16mm
Capacity range:	Natural gas 20 - 46 kW at 20 - 80 kPa - see capacity vs. pressure graph below Propane gas 35 - 74 kW at 20 - 80 kPa - see capacity vs. pressure graph below

NOTE: Refer to Bulletin SF-300 or SF-500 for more complete information.

The Pilot capacity vs. gas pressure graphs – standard version



The Pilot capacity vs. gas pressure graphs – standard version



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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3 Manchester Road, Derry, NH 03038 | 603-432-4100  
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NATURAL DRAUGHT

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