

MODEL 245

FUEL EFFICIENT PILOT

ADVANTAGES

- ▶ Low fuel consumption
- ▶ Ease of installation and/or retro-fit applications
- ▶ Durability due to high alloy, stainless steel construction
- ▶ Reliability: ignition and re-ignition
- ▶ Flame stability: wind velocities up to 150 mph (240 km/hr)

GENERAL DESCRIPTION

The Model 245 Fuel Efficient Flare Pilot is a high alloy, stainless steel pilot operating on fuel gas and in conjunction with a flame front generator. It is composed of the pilot head, fuel gas line, ignition line, inspirator, and optional thermocouple. The pilot head assembly includes a flame retention nozzle and wind shroud which are both manufactured from 310 stainless steel for extended service life. This specially engineered pilot head is capable of sustaining a stable flame in winds of up to 150 mph. Pilot fuel gas travels up the flare in a one inch line and as it passes through the inspirator at the base of the pilot, air is induced into the line. This combustible air/gas mixture exits the pilot gas line at the pilot head nozzle and is ignited by a fireball which travels up the ignition line from its inception at the flame front generator. The Model 245 Flare Pilot is designed for fuel efficiency, durability, reliability, and ease of installation.

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DESIGN FEATURES

High alloy construction
Increased stability wind shroud
Low fuel usage

SPECIFICATIONS

LENGTH: 11'-0" (4.3m)
WEIGHT: 65 lb. (29.5 kg)
STANDARD METALLURGY:
 HEAD 309/310 SS
 PILOT GAS LINE 316 SS
 IGNITION LINE 316 SS
 INSPIRATOR Cast Iron
CONSUMPTION: 44 SCFH of Natural Gas @ 8 psig
FUEL: Natural gas, propane, butane

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