

Flame Front Generator (FFG)

GENERAL:

- Most proven flare pilot ignition technology available
- Ground based for ease of maintenance
- Designed to blend and ignite a mixture of fuel gas and instrument air at ground level, sending a flame propagation to ignite the pilot
- Manual, automatic, or self-inspiring options

SELECTION CRITERIA / ADVANTAGES

- Cost effective
- Easy maintenance with system at ground level
- Self-inspiring option to eliminate need for instrument air (must be installed within 100' [30.5 m] of the pilot)
- Integrated control panel with manual and / or automatic ignition options
- Pit flares / enclose combustion because no wires are required

DESIGN FEATURES

- Self-supporting control stand
- Controls enclosure options include weatherproof or explosion proof as per NEC or ATEX / IEC
- Sight glass to spark
- Pilot status indication via thermocouple or flame ionization rod on the pilot

SPECIFICATIONS

UTILITIES:

- Electrical: 110 – 240 VAC, 50 – 60 Hz (480 VAC, 24VDC Options)
- Fuel Gas: 150 SCFH @ 15 PSIG [4.2 nm³/hr]
- Instrument Air: 1500 SCFH @ 15 PSIG [42.4 nm³/hr]

