



FGI™ 100

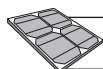
Flame-Gard™ Ignition System *for atmospheric industrial heaters*



The FGI 100 is the industry's original leading Flame-Gard Ignition system for atmospheric burners. Gone are the days when an operator is required to light an industrial burner using the traditional 'flaming rag on a stick', with all its inherent safety concerns. Using the FGI 100 this procedure is performed safely, conveniently, and reliably. And if the pilot does blow out, the FGI will take the necessary actions to attempt re-ignition or safety shut down. There is no better time than now to incorporate these significant advantages into your atmospheric heater.

applications

- Treaters
- Line heater
- Glycol heaters
- Salt bath heaters
- Dehydrators
- Direct fired heaters
- Non-blower type furnaces
- Heated Tanks
- Incinerators
- Other natural draft heaters



Solar Packages available

- **Status indicators** (red/green LED's) on front panel
- **Safety** - operator is located in a safe area during lighting; replaces 'flaming rag on a stick'
- **Economic** - minimal heater down-time; help prevent hydrate formation
- **Environmental** - reduction in emission of unburnt fuel gas
- **Compact Fiberglass Enclosures** - with switch pad on front panel
- **Controller CSA & NRTL/C Approved** - Class 1 Division 2 locations
- **Thermocouple Based System** - type K encased in 446 SS
- **DC Voltage Spark Generator with Spark Electrode** - included
- **Auto Relight or Manual Operation**



Nagy Burner Control is now **Titan Logix Corp.**,
with dealer sales and service offices throughout Western Canada



FGI 100 features



Using a DC Voltage Spark Generator with Spark Electrode, the FGI 100 supplies the ignition spark for the pilot. The pilot flame is then monitored with the type K thermocouple. When acceptable, the main burner gas is turned on. The FGI 100 then continuously monitors the pilot flame, takes action to stop the flow of fuel gas if the pilot flame fails, and brings the fuel gas on in an orderly manner when the system is commanded to restart (auto or manual operation). Flame failure trips local and remote alarm outputs.

- Single fire-tube operation
- Input power +12 to +30 VDC, 9 or 18 VAC
- - 40 °C to +60 °C operating range
- CSA approved controller for Class I, Division 2
- Auto relight or manual operation
- Push button for ESD shut-down
- Flame-Fail contacts for Flame-Fail alarm
- Remote start/stop control
- Large, easily-accessible, terminal blocks
- Two stage adjustable trip-point settings with an atmospheric purge cycle
- All circuits are fail-safe c/w transient protection
- Supports continuous current or Skinner Magnelatch Solenoids (pulse-open, pulse-closed)
- Power-saving sleep mode (jumper selectable)
- Building high-quality systems since 1987
- Very low power consumption. Less than 1/8th of one watt when using Skinner Magnelatch Solenoids



FGI 100 kit includes: FGI 100 controller, DC voltage spark generator, spark electrode, Type K thermocouple encased in 446 SS, pilot mounting bracket, thermocouple cable and ignition cable.

locations

Head Office

4130 – 93 Street
Edmonton, Alberta, Canada
T6E 5P5
P (780) 462-4085
F (780) 450-8369

Calgary Sales Office

Box 306, #440 10816
Macleod Trail S.
Calgary, Alberta, Canada
T2J 5N8
P (403) 251-5797
F (403) 251-2480

Saskatchewan Branch

Box 460, 103 Cenaiko Street
Lampman, Saskatchewan, Canada
S0C 1N0
P (306) 487-2883
F (306) 487-2889

find us online at www.titanlogix.com

email us at sales@titanlogix.com or call toll free at 1-877-462-4085

©2004 Titan Logix Corp.

Made in Canada by Titan Logix Corp.

Represented by: