



# Flame Gard™ Ignition System

**The Flame Gard™ Ignition System monitors a pilot flame. Takes action to stop the flow of fuel gas if the pilot flame fails. It also brings the fuel gas on in an orderly manner when the system is commanded to restart.**

Titan Logix is the developer and manufacturer of the popular FGI series Flame Gard™ Ignition systems. Made in Canada by Titan Logix Corp.

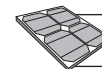


## applications

- Treaters
- Free Water Knockouts
- Line Heaters
- Reboilers (Glycol/Amine)
- Direct-fired process heaters
- Incinerators
- Heated Tanks
- Other Atmospheric Heater applications



Nagy Burner Control is now Titan Logix Corp.,  
with field service offices throughout Western Canada



Solar Packages available



titan logix corp.

# FGI system features

## FGI kit includes

- Flame-Gard™ Ignition controller
- DC Voltage Spark Generator with Spark Electrode c/w cables
- Type K thermocouple encased in 446 SS c/w cables

## FGI system features

- 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

## FGI benefits

- **Safety:** operator is located in a safe area during lighting
- **Economic:** minimal heater down-time; helps prevent hydrate formation
- **Environmental:** reduction in emission of unburnt fuel gas

## locations

Head Office  
4130 -93 Street  
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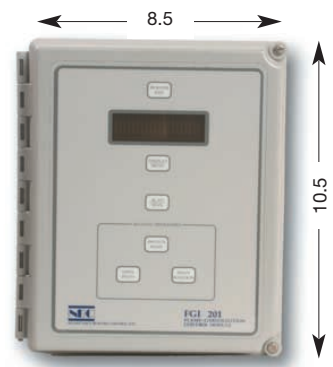
## FGI 100 features

- Single fire-tube operation
- Status indicators (red/green LED's) on front panel
- Very low power consumption. Less than 1/8<sup>th</sup> of one watt when using Skinner Magnelatch Solenoids



## FGI 201 features

- Single fire-tube operation
- Vacuum fluorescent display for operating functions & signals
- Main burner "soft-start" (standard, jumper selectable)
- Low power consumption. Less than one watt when using Skinner Magnelatch Solenoids



## FGI 202 features

- Dual fire-tube operation
- Vacuum fluorescent display for operating functions & signals
- Main burner "soft-start" (standard, jumper selectable)
- Low power consumption. Only 1.5 watts, when using Skinner Magnelatch Solenoids

