

ISIMET

Fire Pit, Gas Grill and Heater Gas Controller

Model: BGC

Safeguards Fire Pits, Gas Grills and Heaters.

IDEAL Applications:

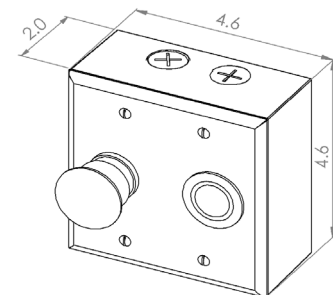
- Hotels, Condos, Apartments, Outdoor spaces, Restaurants.

Operational Features:

- **Eliminates gas from being left on.**
 - Field Configurable Timer: 30 min, 1 hour, 2 hours, 4 hours, 8 hours, or 12 hours
- **Limits Access and Easy to Use.**
 - Day and Time of Day Control. (With Optional 7-Day Timer.)
 - Optional Keyed-Reset Stop Button.
- **LED Notifications:**
 - Green: Gas is ON.
 - Red: Gas is OFF.
 - Green flashing: 5 minutes or less remaining in run time.
 - Red flashing: Emergency State (Gas OFF.)
- **Secondary output (120 VAC) for controlling an igniter or glow plug.**
 - Configurable to 5, 10, 15, 30, 45, or 60 Seconds.
- **Stop Button:** For Easy Shutdown.
- **Emergency Input:** Building Emergency or additional Panic Button Input.



Front View



Isometric View

Physical Features:

- **Surface-Mount Box:** Metal 4.6-inch x 4.6-inch x 2-inch
- **Front Cover:** Brushed Stainless Steel 4.6-inch x 4.6-inch
- **Weatherproof, Outdoor rated Controller.**

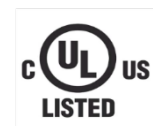
Standard Items:

Gas Activation Method	Push Button (IP65 rated)
Wall Mounting Method	Surface Mount
Box	Metal Double-Gang
Cover Plate	Brushed Stainless Steel

Designed in the USA!

Made in the USA!

Tech Support all in the USA!





OPTIONS

Gas De-activation Button	<ul style="list-style-type: none"> • Mushroom Stop Button: Standard 40mm mushroom style IPO • Flush Mount Stop Button • Keyed Reset Mushroom Stop Button. <i>(Prevents unauthorized access)</i>
Gas Valve	<ul style="list-style-type: none"> • UL Self-Closing Electronic Ball Valves (Sizes: ½ in, ¾ in, or 1 in) <i>ISIMET recommends Self-Closing Electronic Ball Valves. (Reasons: Reliability, Heat, Noise, Energy Savings, open port advantages...)</i> • UL Solenoids (Sizes ½-in, ¾-in, 1-in, 1 ¼- in, 1 1/2- in, or 2-in.)
Valve Assembly (See photo below.)	<ul style="list-style-type: none"> • Y-strainer, Solenoid, 2xUnions, and a ¼-Turn Manual Ball Valve
7-Day Timer (Time of Day or Day-of-Week Control)	<ul style="list-style-type: none"> • 7-Day Programmable Timer * Installs in a standard single-gang box (not included).
Post Mounting (See photo below.)	<ul style="list-style-type: none"> • Pedestal Mount with Flange • Pedestal Mount without Flange.

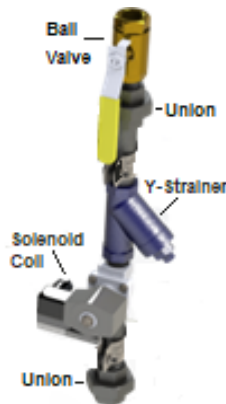
Field Configurable Times:

- **Gas Shutdown Times:** 30 minutes, 1-hour, 2-hours, 4-hours, 8-hours and 12-hours. *(Default is 1 hour)*
- **120 VAC igniter or Glow plug Times:** 5, 10, 15, 30, 45 and 60 Seconds. *(Disabled by default)*

Post/Pedestal Options



Valve Assembly



Solenoid



Self-Closing Electronic Ball Valve



7-Day Timer



Reference Photos

BGC - - - - -

(Enable Gas) P: Push Button	(Disable Gas) M: Mushroom Button B: Stop Button K: Keyed Reset	(Mounting) S: Weatherproof Surface Mount ¹	(24V Output Timer)² 0: 30 minutes 1: 1 hour 2: 2 hours 3: 4 hours 4: 8 hours 5: 12 hours	(120V Output Timer) 0: Same as 24V Output 1: 5 seconds 2: 10 seconds 3: 15 seconds 4: 30 seconds 5: 45 seconds 6: 60 seconds	Additional Options T: 7-Day Timer ³
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¹Metal Weatherproof Box

²Field Configurable. Default Shutdown Timer is set to one hour.

³Add a 7-day, 24-hour programmable light switch timer with battery backup for day/time-of-day control.