BGC Submittal

Model: BGC*
(4.56-in H x 4.56-in W x 3.54-in D)

Equipment Specifications Model #:

Enable Gas Option:

☐ P (Push Button) *(Standard)*

Disable Gas Option:

☐ M (Mushroom Stop Button) *(Preferred)*

☐ B (Flush Stop Button)

☐ K (Keyed Reset Mushroom Stop Button)

Mounting Option:

☐ S (Surface Mount) – Weatherproof Metal Double-Gang Box *(Standard)*

24 VDC Output *(Primary Output)*

Automatic Shutdown Timer *(Field Configurable, additional timeout options available):*

☐ 30 minutes   ☐ 1 hour   ☐ 2 hours

☐ 4 hours   ☐ 8 hours   ☐ 12 hours

120 VAC Output *(Secondary Output):*

Standard *(120V turns on/off with 24VDC primary circuit)*

Igniter/Glow Plug Timeout *(Select Time)*

☐ 5 seconds   ☐ 10 seconds   ☐ 15 seconds

☐ 30 seconds   ☐ 45 seconds   ☐ 60 seconds

Time of Day Functionality:

☐ Add 7-Day Programmable Timer Decora Switch[*]

[*] Installs in a standard single-gang box (not included).

Project Owner:

Project Name:

Project Address:

Notes:

Model Number:

BGC -_____ -_____ -_____ -_____ -_____ -_____

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

[1]Metal Weatherproof Box
[2]Field Configurable. Default Shutdown Timer is set to one hour.
[3]Add a 7-day, 24-hour programmable light switch timer with battery backup for day/time-of-day control.

*PATENT PENDING

BGC Submittal

Additional Items: (These options may require a separate line item and/or submittal to be processed.

Solenoid/EBV Model #:

Valve Option:

☐ None

☐ Electronic Ball Valve (Full Port, Self-Closing) [½" - 1" Only]

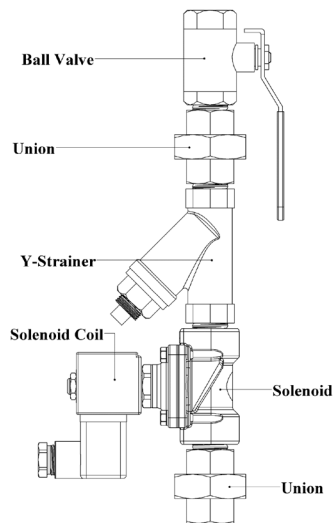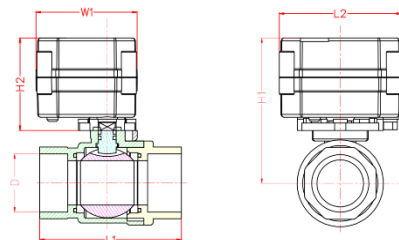*ISIMET recommends Electronic Ball Valves*

☐ Solenoid [½" - 2"]

Valve Size *(inches)*:

☐ ½   ☐ ¾   ☐ 1   *EBV Sizes Only*

☐ 1-¼   ☐ 1-½   ☐ 2

Valve Assembly:

☐ Includes 2x Unions and ¼-Turn Manual Ball Valve

☐ Add 80-mesh Y-Strainer

ISIMET also offers S-Series Enclosures, Rack Assemblies, Valve Assemblies, and other options.

Solenoid/EBV Specifications:

ISIMET Model	Port Size	Orifice Size	Seat Material	Min. Pressure	Flow Factor	Operation Pressure		24 VDC	
						Air/Gas	Water	Inrush	Holding
Units	in	in		psi	psi	psi	psi	VA	VA
S-301	1/2	0.71	BUNA	0	4	3	-	19	19
S-302	3/4	0.71	BUNA	0	4.9	3	-	19	19
S-303	1	1.26	BUNA	0	12	0.75	-	19	19
S-304	1 1/4	1.26	BUNA	0	14	0.75	-	19	19
S-305	1 1/2	1.89	BUNA	0.015	41	3	-	19	19
S-306	2	2.00	BUNA	0.015	50	3	-	19	19
S-951	½	Full Port	Buna-N	0	Full Port	45	-	-	-
S-952	¾	Full Port	Buna-N	0	Full Port	45	-	-	-
S-953	1	Full Port	Buna-N	0	Full Port	45	-	-	-

Series 300 are Fuel gas, Aluminum construction Normally Closed Solenoid Valves. (Designed for low pressure fuel gas applications.)
Series 900 are Stainless-Steel Electronic Ball Valves that automatically close when power is lost.

Additional BGC Options: *(Requires Separate Line Item to Order)*

☐ Add Rooftop Pedestal Mount with Flange

☐ Add Yard-Style Pedestal Mount without Flange