



BASO Gas Products LLC

BGA158, BGA171 and BGA110 Series

Description

BGA158, 171 and 110 Series automatic gas valves are electrically operated shut-off valves that are normally in the closed position and open on an electrical demand signal from a thermostat or other controlling device. The BGA158, BGA171 and BGA110 can be operated with natural gas or LP at pressures up to 0.5 psi. Typical applications are agricultural heating equipment, commercial cooking equipment, wall furnaces or other heating equipment. Their compact size permits installation in space-restrictive applications.

Specifications

- Rated inlet pressure: 0.5 psi
- Available voltages: 12 VDC, 25 VDC, 25 VAC, 120 VAC, 240 VAC
- Inlet/Outlet sizes: 1/4 cc, 3/8 cc, 1/2 cc, 1/8, 1/4, 3/8, 1/2, 3/4, 1 NPT or BSPP
- Pilot/pressure tap sizes: 1/8 NPT or BSPP
- Permissible ambient (surface) temperature: -20° to 175°F (-29° to 79°C)



Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656058
- UL Recognized File number MH5939

Selection Chart

Part Number	Inlet and Outlet Female NPT	Natural Gas Capacity Btu/hr at 1 in. Pressure Drop	Voltage (50/60 Hz)	Pilot Tap NPT	Pressure Tap NPT
▲ BGA158EAA-1CAAC	1/8 in. x 1/8 in.	70,000	12 VDC	None	None
▲ BGA158EAC-1CAAC			25 VAC	None	None
▲ BGA158EAD-1CAAC			120 VAC	None	None
▲ BGA158EBA-1CAAC	1/4 in. x 1/4 in.	100,000	12 VDC	None	None
▲ BGA158EBC-1CBAC			25 VAC	None	1/8-27 NPT left
▲ BGA158EMC-1CAAC	1/4 in. cc x 1/4 in. cc	42,000	25 VAC	None	None
▲ BGA171EDA-1CAAC	1/2 in. x 12 in.	265,000	12 VDC	None	None
▲ BGA171EDC-1CAAC			25 VAC	None	None
▲ BGA171EDD-1CAAC			120 VAC	None	None
▲ BGA171EDD-1DAAC			120 VAC	None	None
▲ BGA171EFA-1CAAC	3/4 in. x 3/4 in.	290,000	12 VDC	None	None
▲ BGA171EFC-1CAAC			25 VAC	None	None
▲ BGA171EFD-1CAAC			120 VAC	None	None
▲ BGA171EFE-1CAAC			240 VAC	None	None
▲ BGA110EHF-1CAAC	3/4 in. x 3/4 in.	430,000	12 VDC	None	None
▲ BGA110EHH-1CAAC			25 VAC	None	None
▲ BGA110EHJ-1CAAC			120 VAC	None	None
▲ BGA110EJH-1CAAC	1 in. x 1 in.	500,000	25 VAC	None	None
▲ BGA110EJJ-1CAAC			120 VAC	None	None
▲ BGA110EJK-1CAAC			240 VAC	None	None

▲ means bulk pack is available upon request.

Notes: DIN connectors are available; see Accessory section page 79.
Inlet screen available upon request.

