



BASO Gas Products LLC

# H43 Series Automatic Shut-Off Pilot Gas Valve with Manual Shut-off

## Description

H43 Series automatic pilot valves provide safe lighting and complete shut-off of pilot and main burner gas if the flame heating the thermocouple is extinguished. A manual valve handle with Pilot, On and Off positions allows operation of the valve without a thermostat. The H43 can be used with natural gas or LP at pressures up to 0.5 psi. Typical applications include heaters, wall furnaces, commercial cooking equipment, cater truck equipment and similar applications. Sizes available are 3/8 and 1/2 NPT and both standard and high temperature models are available.



## Specifications

- Rated inlet pressure: 0.5 psi
- Permissible ambient (surface) temperature:  
H43\_A is 32° to 175°F (0° to 79°C)  
H43\_B is 32° to 250°F (0° to 121°C)

## Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656111
- UL Recognized File number MH2926 (H43AA and BA models only)

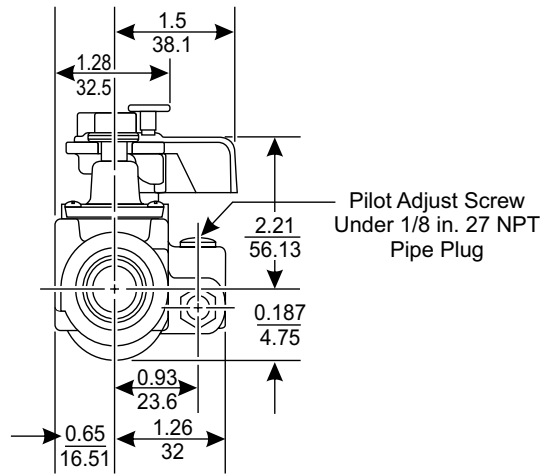
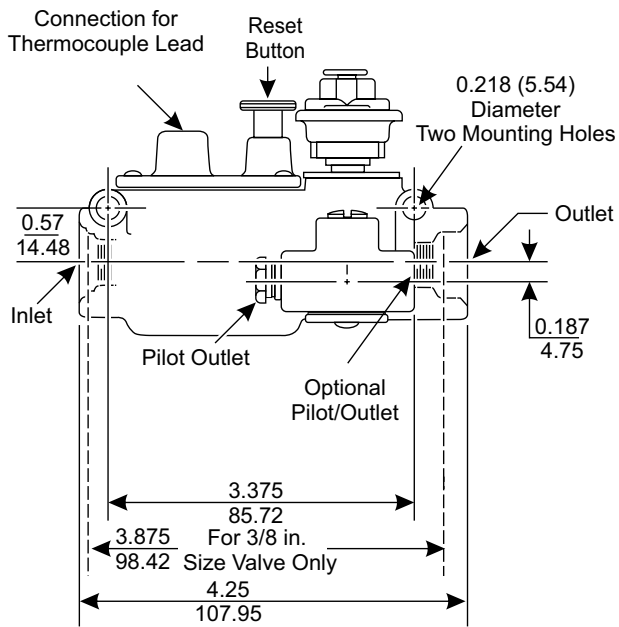
## Selection Chart

Part Number	Inlet and Outlet Female NPT	Manual Valve Handle or Rod	Natural Gas Capacity Btu/hr at 1 in. Pressure Drop	Pilot Tap/ Pilot Gas Flow	Temperature Range
▲ H43AA-1C	3/8 in. x 3/8 in.	Handle	122,000	1/4 in. cc right/ same as main	Standard (175°F)
▲ H43AA-12C				1/4 in. cc right/ opposite main	Standard (175°F)
▲ H43AB-4C				1/4 in. cc right/ same as main	High Temperature (250°F)
▲ H43BA-2C	1/2 in. x 1/2 in.		150,000	1/4 in. cc right/ opposite main	Standard (175°F)
▲ H43BA-5C				1/4 in. cc right/ opposite main	Standard (175°F)
▲ H43BB-2C				1/4 in. cc right/ same as main	High Temperature (250°F)
▲ H43GA-3C		1/4 in. Sq Rod	1/4 in. cc right/ same as main	Standard (175°F)	

▲ means bulk pack is available upon request.

BASO recommends using only BASO thermocouples that come from the original equipment manufacturer to provide optimum performance for your safety shutoff valve.

Thermocouple Operated Gas Valves



**H43 Dimensions (in./mm)**