



BASO Gas Products LLC

H17 Series Automatic Shut-Off Pilot Gas Valve

Description

H17 Series automatic pilot valves provide safe lighting and complete shut-off if the flame heating the thermocouple is extinguished. They are designed for standing pilot applications and can be used with natural gas or LP at pressures up to 0.5 psi. Pressing and holding the reset button allows gas to flow to the pilot only. Typical applications include room heaters, infrared heaters, stand-alone portable heaters, catalytic heaters, refrigerators and similar applications. Sizes range from 1/8 to 1/2 NPT and both standard and high temperature models are available.

Specifications

- Rated inlet pressure: 0.5 psi
- Permissible ambient (surface) temperature:
 - 40° to 150°F (-40° to 66°C) standard models
 - 40° to 300°F (-40° to 149°C) high temperature models

Agency Listing

- CSA (AGA/CGA) Certificate number 229521-1656088
- UL Recognized File number MH2926 (H17AA, BA and CA models only)



Selection Chart

| Part Number | Inlet and Outlet Female NPT | Natural Gas Capacity Btu/hr at 1 in. Pressure Drop | Pilot Tap NPT | Temperature Range |
|-------------|-----------------------------|--|--------------------|--------------------------|
| ▲ H17AA-2C | 1/8 in. x 1/8 in. | 54,000 | 1/8-27 over outlet | Standard (150°F) |
| ▲ H17AB-2C | | | | High Temperature (300°F) |
| H17BA-2C | 1/4 in. x 1/4 in. | 94,000 | | Standard (150°F) |
| H17BA-6C | | | | Standard (150°F) |
| ▲ H17BB-1C | 3/8 in. x 3/8 in. | 133,000 | | High Temperature (300°F) |
| H17CA-2C | | | | Standard (150°F) |
| ▲ H17CB-3C | 1/2 in. x 1/2 in. | 165,000 | | High Temperature (300°F) |
| ▲ H17CB-5C | | | | High Temperature (300°F) |
| H17DA-4C | 1/2 in. x 1/2 in. | 165,000 | | Standard (150°F) |
| ▲ H17DB-5C | | | | High Temperature (300°F) |

▲ means bulk pack is available upon request.

To convert pilots with 1/8-27 NPT threads to compression, use 42653-1H, sold 2 per package; see page 148.

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

