

GS Gas Thermostat



The GS gas thermostat is a snap acting hydraulic thermostat. The GS gas thermostat is used to provide temperature control by interrupting gas flow to the burner.

The GS gas thermostat is available for a wide variety of applications. These include small ovens, brooders, medical warming cabinets, and fryers. The GS/7000GO combination is an industry standard for fryer applications.

Design Features

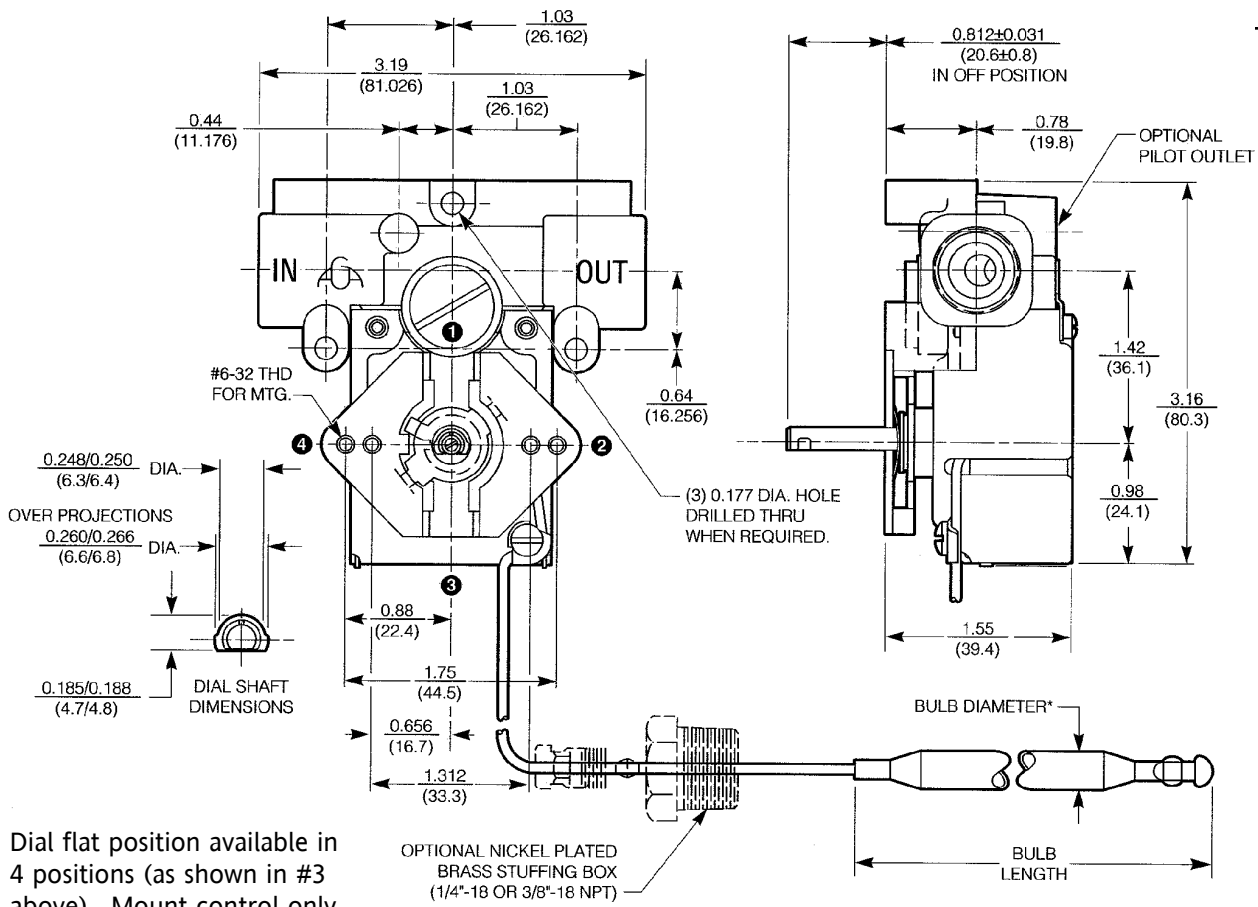
- Available with various temperature ranges, temperature control to 550°F (288°C)
- Snap acting from “OFF” to full gas flow. Appliance will not require by-pass adjustments
- Adequate capacity and small size for countertop appliances
- Applicable to use with high capacity gas operated diaphragm valves
- Adapts to limited mounting space
- Bulb and capillary assemblies supplied in plain copper, nickel plated copper, nickel plated steel, or stainless steel
- Dials of heat resisting plastic are available

Specifications

- Ambient Temperature:
32°F (0°C) to 200°F (93°C)
- Maximum inlet pressure: 0.5 PSI
- Capacity (Natural Gas)

3/8” pipe in and out	30,000 BTU/HR
7/16” tubing in and out	30,000 BTU/HR
1/4” tubing in and out	9,000 BTU/HR
- Agency Certification Numbers:
AGA/CGA Certificate Number T2765012
British Gas plc EC Product Identification Number C87AR11

in.
(mm)



Dial flat position available in 4 positions (as shown in #3 above). Mount control only with dial flat down in the horizontal position.

*AVAILABLE BULB DIAMETERS				
inches	0.187**	0.250	0.312	0.375
(mm)	(4.8)	(6.4)	(7.9)	(9.5)
**0.187 inch diameter bulb is most common.				
AVAILABLE CAPILLARY LENGTHS				
24 to 120 in 12" increments				
(609.6 to 3048 in 304.8mm increments)				

Application Responsibility

Invensys Appliance Controls, as a supplier, will comply with those agreed to drawing requirements and specifications that define this product. Suitability for any application is the responsibility of the purchaser.