

FD SERIESGAS4200 SERIESTHERMOSTATS

Specifications

- Ambient temperature: 32°F to 350°F (0°C to 177°C)
- Maximum inlet pressure: 0.5 PSI
- Capacity (Natural Gas):
 - 3/8" pipe in and out 100,000 BTU/HR
 - 1/2" pipe in and out 100,000 BTU/HR
 - 7/16" tubing in and out 100,000 BTU/HR
- Agency Certification Numbers:
 - CSA 164327-1195899
 - Versions available with BSi EN 257
 - BSi Certificate# EC-87/96/61/M5 2009)
 - CE Certification applies only to FDTOE, FDTHE and FDTSE models

The Robertshaw[®] FD series features heavy duty, high capacity gas thermostats. These units are available with modulating only or with modulating snap-acting bypass. Both pilot and bypass adjustments are provided. Pilot outlets and customized settings are optional. Available for a wide variety of applications including typical applications such as deck ovens, convection ovens, baking ovens, and ranges.

Features and Benefits

- Available in various temperature ranges, with temperature control up to 650°F (343°C)
- Heat resistant materials and rugged design
- Front adjustment
- The pilot and bypass keys are accessible and the pilot and keys are slotted for easy adjustment from the front of the control
- Provides temperature control on most gas appliance systems
- Allows for low temperature control
- Modulates the main gas supply and controls the bypass gas with a snap under the same thermostatic action
- Bulb and capillary assemblies supplied in copper, nickel plated copper or steel
- Heat resistant plastic dials available in black with white characters
- RoHS Compliant



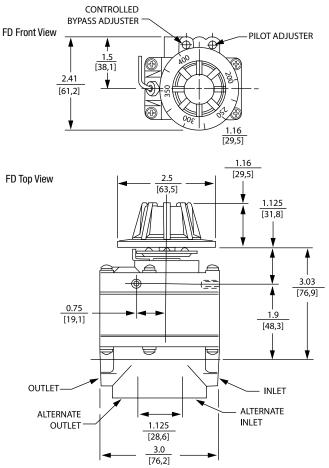




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PRODUCT DIMENSIONS

Dimensions are inches and [millimeters].



| BULB DIAMETER | 4 |
|---------------------------------------------------------------------------------------------------------------------------------------|---|
| FD Side View | |
| 0.41 (10,4] BRASS STUFFING BOX (1/4" - 18 OR 3/8" - 18 NPT) #10-24 MOUNTING HOLES 1.25 [31,8] 0.7 [7,8] | |

| Available Bulb Diameters | | | | | |
|--------------------------|--------|-------|-------|-------|--|
| inches | 0.187* | 0.250 | 0.312 | 0.375 | |
| [millimeters] | 4,8 | 6,4 | 7,9 | 9,5 | |

* Most common diameter

| Model | General Description |
|-------|--------------------------------------------------------------|
| FD0 | Modulating with snap bypass - 550°F (288°C) max. setpoint |
| FDT0 | Modulating - 550°F (288°C) max. setpoint |
| FDH | Modulating with snap bypass - 650°F (343°C) max. setpoint |
| FDTH | Modulating - 650°F (343°C) max. setpoint |
| FDL | Modulating with snap bypass - Liquid immersion sensor |
| FDS | Modulating with snap bypass - Surface contact sensor |
| FDTS | Modulating - Surface contact sensor |



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