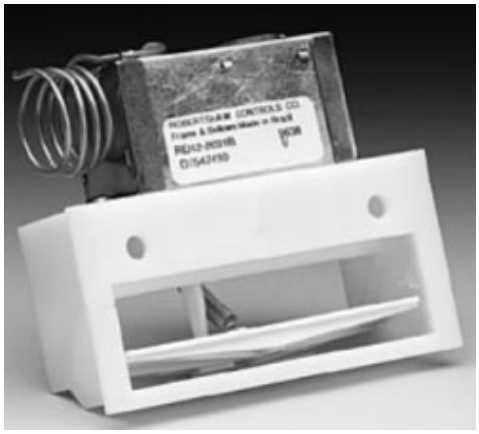
Appliance Controls

Refrigerator Damper Control



The RD damper control produced by Invensys Appliance Controls is designed to maintain constant temperature in the food compartment of refrigerators, or static temperature in other refrigerated equipment, such as ice machines and milk coolers.

The RD Series accomplishes this function by automatically regulating the amount of cold air flowing through the advanced design damper from the freezer to the fresh food compartment.

Design Features

- Bellows made of corrosion resistant phosphor bronze, offering exceptionally long life (25 years actual use)
- Control mechanism housing is tin plated to resist rust and corrosion
- Designed to maintain constant or static temperature
- Fully consumer adjustable within a temperature differential range of up to 12°F (6°F from normal to cold; 6°F from normal to warm)

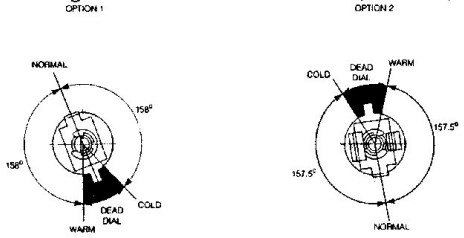
Advantages

- Totally self-contained, no external power source required
- Exclusive advanced design damper featuring revolutionary hingeless construction
- Supplied as calibrated units - ready for installation
- "High door operating force" for dependable, consistent performance under all conditions and in all mounting positions

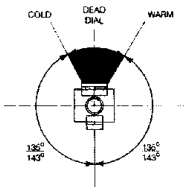
Specifications

- Plastic housing and door configuration can be modified to suit customer applications
- "Normal" temperature can be varied from 37°F (2.8°C) to 50°F (10°C) with standard charge
- Standard capillary length of 18" (46 cm). Available in 3" (7.6 cm) increments over 18" (46 cm)
- Optional coiled capillary tubes available for side or bottom drive units (see detail of Optional Coiled Capillary Styles)
- Factory calibrated to specific temperature requirements
- Style 1 - has altitude adjustment screw on bottom, temperature adjustment on side (altitude adjustable up to 8,000 feet)
- Style 2 - has temperature adjustment on bottom, no field altitude adjustment
- For available shaft options consult the factory

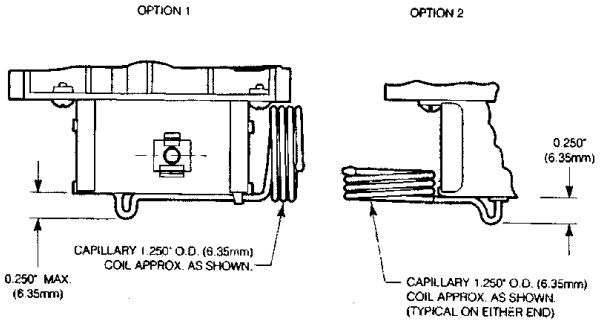
Typical Dial Layouts for Bottom Drive
(Small leg of driver shown in normal position.)



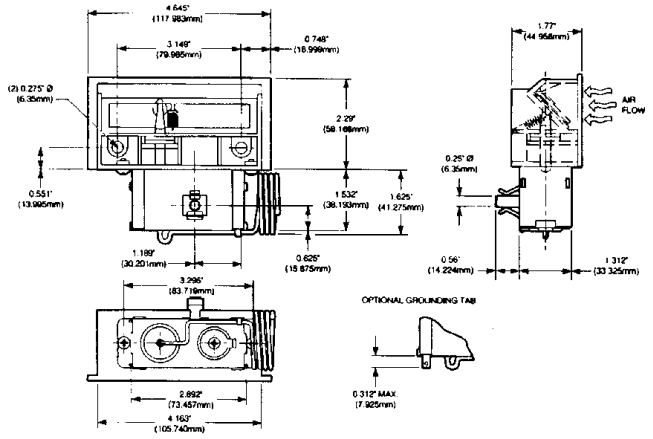
Typical Dial Layouts for Side Drive
(Small leg of driver shown in normal position.)



Optional Coiled Capillary Styles for Side or Bottom Drive Units



Style 1



Application Responsibility

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

Style 2