**Application**

RCS-10R control dampers employ a single round blade and an integrated screw-drive assembly for remote cable operated manual air control and balancing in low pressure and velocity applications.

**Standard Construction**

Frame: 6" × 22 ga. (152 × 0.85) galvanized steel.

Blades: 22 ga. (0.85) galvanized steel.

Axles: ¹⁄₈" (10) square plated steel.

Bearings: Synthetic

Control Shaft: ¹⁄₄" × 3" (10 × 76) square drive axle with a control arm/screw-drive assembly factory installed on a stand-off bracket attached to the damper.

Remote Control Cable Assembly: ⁵⁄₃₂" Ø  × 36" long (4.0 Ø × 914) cable with ³⁄₁₆" (4.8) allen hex-head drive, 2" (51) wide steel mounting bracket, ⁷⁄₈" × 1⁷⁄₈" long (24 × 38) round plastic tube and plastic finishing plug.

Minimum Size: 4" Ø (102 Ø)

Maximum Size: 24" Ø (610 Ø)

**Options**

- Alternate frame:
  - 20 ga. (1.0)
  - Length: 8" (203)  10" (254)  12" (305)

- Alternate blade:
  - 20 ga. (1.0)  16 ga. (1.6)

- Additional cable length:
  - _____ inches

- Hex tool handle: (Not available for slot diffuser mounted controller.)
  - 'L' shaped, Std.
  - 'T'-handle

- Nickel plated steel finishing plug. (Not available for slot diffuser mounted controller.)

- ⁷⁄₈" (5) square bar with coupler and standoff bracket for slot diffuser mounted controller.

**Ratings**

- Maximum System Velocity: 1500 fpm (7.7 m/s)
- Maximum System Pressure: 1 in. wg (0.25 kPa)
- Temperature: –25°F to 180°F (–32°C to 83°C)

*Damper dimensions furnished approximately ¹⁄₈" (3) undersize.