

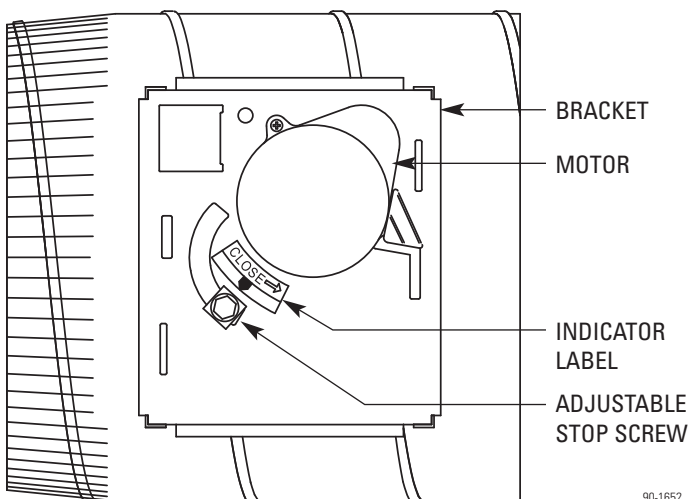
Round Damper Installation Instructions

⚠ CAUTION

1. Sharp edges may cause serious injury from cuts. Use care when cutting openings and handling duct work.
2. A zone control system may not control temperature properly unless the HVAC system is correctly sized and balanced.
3. Install dampers in supply ducts only, and as close to the heating and cooling equipment as possible.
4. Do not force damper blades closed by hand, as damage may occur.

The position of the damper blade, as supplied, is in the open position. The damper is power-closed/spring-opened, and must be wired to the zone control panel damper terminals that supply the required 12 VA at 24 VAC. (See zone control panel instructions for specific wiring details.)

APRILAIRE ROUND DAMPER



90-1652

Preset Adjustable Stop Position
(shown with plastic cover removed)

ADJUSTABLE STOP

Each Aprilaire Damper has an adjustable stop screw whose position determines the amount of rotation the damper blades make when energized. The stop screw is factory preset to a position that allows the correct amount of predetermined bypass air to go through the damper. The **Preset Adjustable Stop Position** illustration above shows the correct position. If the stop screw is not set at the position indicated, loosen it, slide it directly under the dark band on the indicator label, and tighten the screw in place. To completely close the blades, loosen the stop screw and move it in the direction indicated by the black arrow on the indicator label.

INSTALLATION PROCEDURE

Step 1: Install damper with crimped end downstream.

Step 2: Slide damper over end of crimped duct and secure to duct with 1/2 inch long sheet metal screws (not included).

Step 3: Insulate damper the same as ducts. **Do not insulate the actuator.**

NOTE: Support all duct work in accordance with local code or SMACNA standards.

