

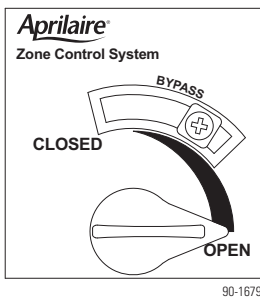
## Existing Home Damper Installation Instructions

### ⚠ 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.

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 installation instructions for specific wiring details.)

### APRILAIRE RECTANGULAR DAMPER



Preset Adjustable Stop Position

### 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. To adjust the factory preset bypass setting loosen the stop screw, adjust accordingly and tighten the screw in place. To completely close the blades, loosen the stop screw and move it to the closed position.

Adjustable Stop Position	CFM @ Supply Side Pressure 0.2" w.c.					
	6704	6705	6706	6707	6708	6710
Factory Setting	8	20	25	39	57	81
Fully Closed	7	7	7	7	7	7

### INSTALLATION PROCEDURE

- Step 1:** Using the template provided, drill the holes for appropriate duct size.
- Step 2:** Install the damper using four 1/2" long (min.) sheet metal screws (field supplied).
- Step 3:** Use the wire labels provided to simplify identification of the damper wiring. Label each damper with the corresponding zone and a letter.
- Step 4:** Wire to Zone Control Panel (NO, COM) damper terminals, or to a Model 8028 Damper Power Distribution Panel.

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

