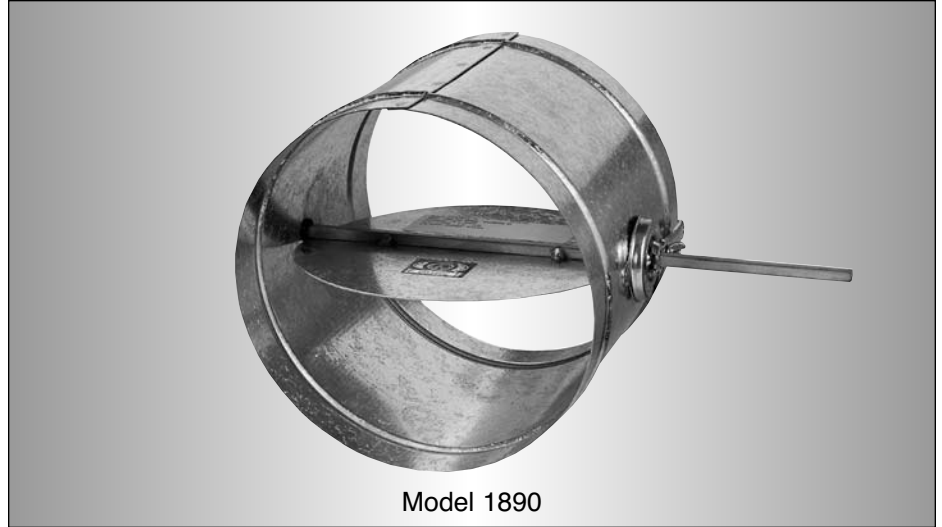


- MANUAL BALANCING DAMPER
- FOR ROUND DUCT
- GALVANIZED STEEL

MODEL: 1890



Model 1890

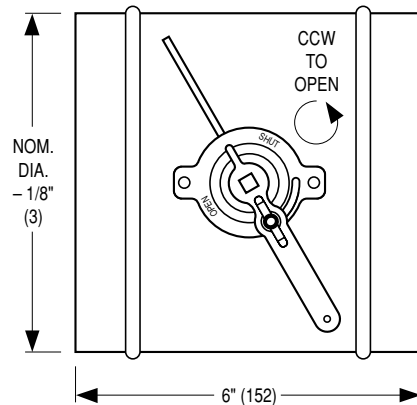
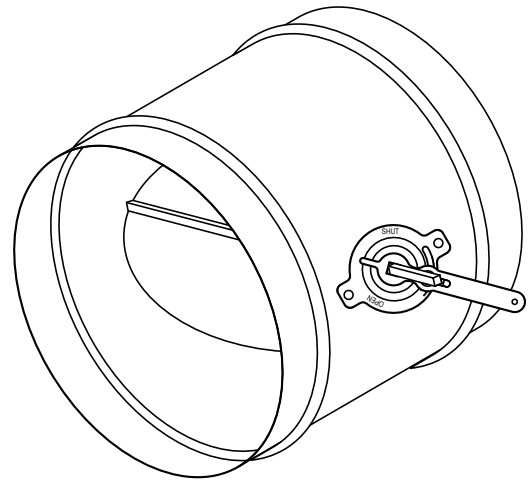
B

CONTROL DAMPERS

The Nailor Model 1890 is a manual balancing butterfly damper designed for all types of round ductwork applications and is suitable for use in most low pressure and velocity commercial HVAC systems. They are not intended for use as a positive shut-off or automatic control damper. The design features a sturdy beaded casing ideal for round spiral ductwork connections, and a corrosion resistant steel blade that can be locked in any position with the hand quadrant that is supplied as standard with the damper.

STANDARD CONSTRUCTION:

- FRAME:** 22 ga. (0.86) corrosion-resistant steel with stiffening beads up to 12" (305) dia. 20 ga. (0.91) over 12" (305) dia.
- BLADE:** 22 ga. (0.86) corrosion-resistant steel up to 12" (305) dia.. 20 ga. (1.0) over 12" (305) dia..
- DRIVE SHAFT/ AXLE:** 1/4" (6) square plated steel.
- QUADRANT:** Plated steel with locking operator (factory installed).
- AVAILABLE SIZES:** 4" (102) through 20" (508) diameter in nominal 1" (25) increments.



MODEL: 1890

PERFORMANCE DATA:

Maximum System Pressure: 2" w.g. (0.49 kPa)

Maximum Face Velocity: 2000 fpm (10 m/s)

Temperature Range: -50°F to 250°F (-45°C to 121°C)

Dampers are designed to operate in a clean, dry environment.

AVAILABLE OPTIONS/ACCESSORIES:

The following construction options and accessories are available on Model 1890. See page B55 for detailed description of options/accessories.

	CODE	DESCRIPTION
MANUAL QUADRANT MOUNTING BRACKET:	SB	2" (51) Stand-off Bracket for Hand Quadrant (for externally insulated duct)

B

CONTROL DAMPERS

HOW TO ORDER OR TO SPECIFY

MODEL: 1890

HOW TO ORDER:

Standard construction is shown in highlighted box. Option codes are listed below. See above for description of options.

MODEL	SIZE (W X H)	OPERATOR ACCESSORIES
1890	ie: 12"ø	HLQ SB

SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules, round balancing dampers meeting or exceeding the following criteria: Frame shall be constructed of 22 ga. (0.86) corrosion resistant steel with roll-formed stiffening beads up to 12" (305) dia.; 20ga. (0.91) over 12" (305) dia.. Blades shall be constructed of 22 ga. (0.86) corrosion resistant steel up to 12" (305) dia.; 20 ga. (1.0) over 12" (305) dia.. Blade shaft shall be 1/4" (6) square plated steel, complete with a hand locking quadrant for positive setting of blade at any position. Standard of acceptance: Nailor Industries Model 1890.