



**DYNAMIC ROUND FIRE DAMPER**  
 1 1/2 HR. LABEL • VERT. OR HORIZ.  
 FOR USE IN DYNAMIC OR STATIC SYSTEMS  
**MODEL: 1290F**



**QUALIFICATIONS:**

- **UL 555 & CAN/ULC-S112 CLASSIFIED DYNAMIC FIRE DAMPER • 1 1/2 hr. Label (File #'s R9492 & R19569).**
- **Meets NFPA 80, 90A and 101 as well as IBC and NBC (Canada) Building Code requirements.**
- **Maximum velocity 2000 fpm @ 4" w.g.**

The 1290F fire damper is ideal for applications where building codes require a fire damper for the protection of ductwork penetrations in walls or floors that have a fire resistance rating of up to 2 hours. The 1290F is classified for use in dynamic "fans on" systems where the HVAC system remains operative in the event of a fire. Damper closure under airflow is assured.

The 1290F is an economical true round fire damper designed and qualified specifically for point-of-origin fire containment where round ductwork passes through metal stud drywall partitions or masonry walls.

The 1290F features the industry proven over-center knee lock design with high torque spring/fusible link closure.

The 1290F is supplied as standard with a crank arm and locking screw which holds the damper in the fully open position, but may also be used for system balancing if required.

**STANDARD SPECIFICATION:**

**Frame:** 20 gauge (1.0) galvanized steel integral sleeve and retaining plates.

**Blade:** 2 x 20 (1.0) gauge galvanized steel laminated together, 14 gauge equivalent (2.0) thickness.

**Linkage:** Jackshaft to blade.

**Bearings:** 1/2" (13) dia. self-lubricating oilite bronze.

**Axles:** 1/2" (13) dia. plated steel double bolted to blades.

**Jackshaft:** 1/2" (13) dia. cadmium plated steel. Supplied with factory mounted hand locking quadrant.

**Fusible Link:** 165°F (74°C) standard. 212°F (100°C) available.

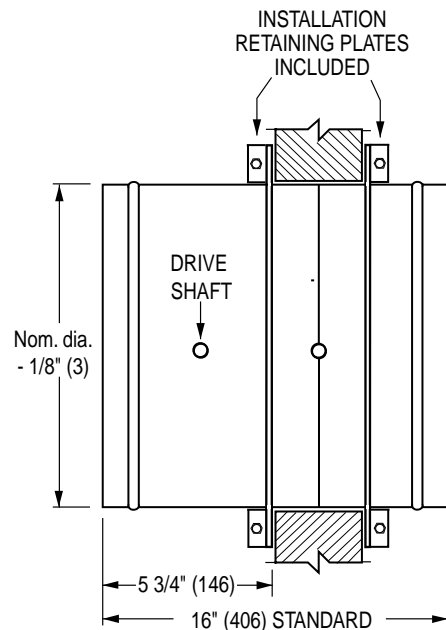
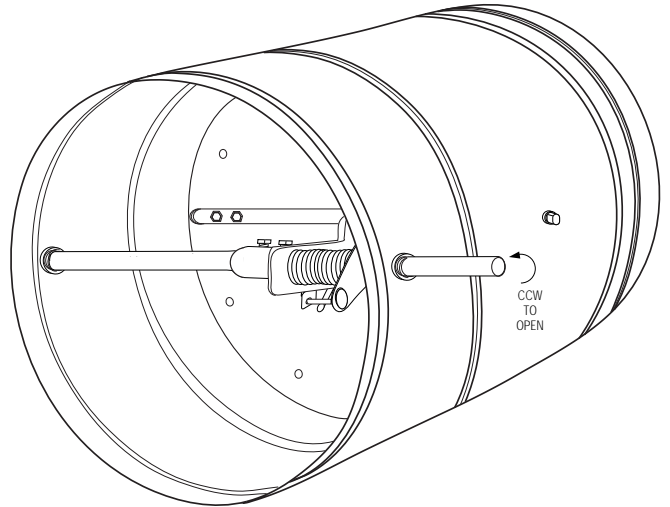
**Available Sizes:**

6" (152) through 24" (610) diameter in nominal 1" (25) increments. Vertical or horizontal installation.

**OPTIONS:**

- BS** Stainless steel bearings
- MLS-300** Position indicator switch pack (8" (203) dia. minimum size required).

For installation instructions, see IOM-1290FINST.



Wall Thickness	Minimum Sleeve Length
4 to 8 (102 to 203)	16 (406)
10 to 12 (254 to 305)	20 (508)
14 to 16 (356 to 406)	24 (610)

Dimensions are in inches (mm).

<b>SCHEDULE TYPE:</b>				
<b>PROJECT:</b>				
<b>ENGINEER:</b>				
<b>CONTRACTOR:</b>				
DATE	B SERIES	SUPERSEDES	DRAWING NO.	
11 - 28 - 11	1200	8 - 21 - 08	1290F-1	