



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



**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-SS fire damper is ideal for high humidity or mildly corrosive 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-SS 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-SS is a 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 and floors.

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

The 1290F-SS 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.

The 1290F-SS is available in either Type 304 or 316 stainless steel.

**STANDARD SPECIFICATION:**

- Frame:** 20 gauge (1.0) stainless steel integral sleeve and retaining plates.
- Blade:** 2 x 20 (1.0) gauge stainless steel laminated together, 14 gauge equivalent (2.0) thickness.
- Linkage:** Stainless steel; jackshaft to blade.
- Bearings:** 1/2" (13) dia. stainless steel.
- Axles:** 1/2" (13) dia. stainless steel double bolted to blades.
- Jackshaft:** 1/2" (13) dia. stainless 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.

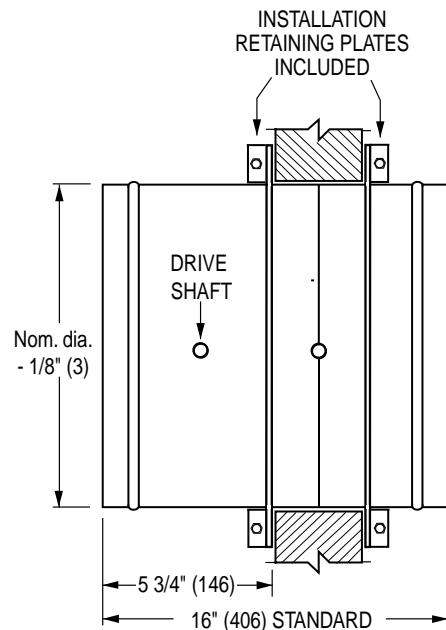
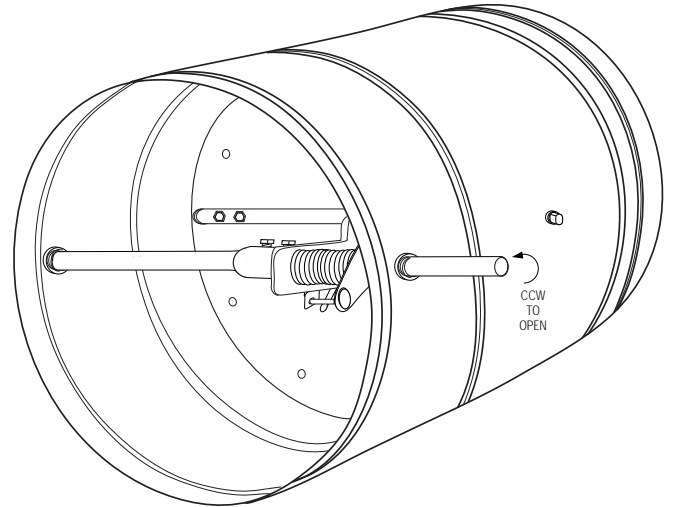
**CONSTRUCTION TYPE:**

- 304** Type 304 Stainless Steel construction (Standard)
- 316** Type 316 Stainless Steel construction (Optional)

**OPTIONS:**

- 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>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR:</b>	11 - 28 - 11	1200	2 - 16 - 10	1290F-SS-1