



**Air Damper Products**

**MODEL DWFD**

DYNAMIC CURTAIN FIRE DAMPER  
U.L. 555 CLASSIFIED 1-1/2 AND 3 HOURS  
FOR USE IN DYNAMIC OR STATIC SYSTEMS

**Application and Design**

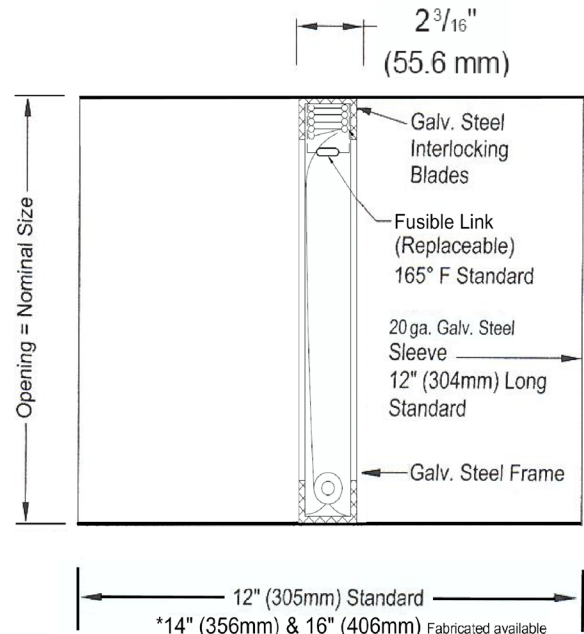
The Model DWFD is UL Classified for installation in walls, floors, and partitions with a fire rating of less than 3 hours. This damper may be installed vertically or horizontally in dynamic HVAC systems that continue to run in the event of fire. Also approved for static systems. (See optional 3 hour rating)

**Standard Construction**

- Frame:** 12" Roll formed Frame - Galvanized Steel - Integral Sleeve
- Blades:** Low Profile Roll Formed - Galvanized Steel
- Closure Springs:** Stainless Steel constant force coil
- Fusible Link - UL-33:** UL Listed 165°F (Standard), 212°F (Optional)
- Maximum Velocity:** 2000 FPM (10.2 M/S)
- Maximum Pressure:** 4" WG (1KPA)

Model DWFD meets or complies with the following as a fire damper:  
All major building codes, including IBC/ICC International Code  
UL 555 Listing 1-1/2 and 3 Hour - File #R25410  
ULC S112  
NFPA - 90A, 80

Note: Refer to installation instructions for required opening in fire rated barrier.



**Standard Sizes (duct) - 1-1/2 & 3 HR.**

Min. V or H	Max. Vertical	Max. Horizontal
6" X 6" 152mm X 152mm	*72"W X 36"H 1829mm X 914mm    or    36"W X 72"H 914mm X 1829mm	*36"W X 36"H 914mm X 914mm

\* May consist of multi-sections

Note: Due to continuing research, ADP reserves the right to change specifications without notice.

**Options:**

- Retaining Angles
  - One Side
  - Both Sides
- 3 Hour Rating
- Mounting:
  - Horizontal
  - Vertical

Note: Dampers are furnished Approx. as given duct dimensions, unless otherwise noted.

Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Architect: \_\_\_\_\_

Engineer: \_\_\_\_\_

Contractor: \_\_\_\_\_

**MODEL DWFD**

DRAWN BY: MAB	DATE: 09-05-06	REV. DATE: 06-17-09
REV. NO. 5	APPROVED BY: SDC	DWG. NO.: <b>A-4</b>