MODEL F/S-RD-II TRUE ROUND
COMBINATION FIRE/SMOKE DAMPER
U.L. 555 and U.L.C. S112 Listed 1-1/2 Hour Rated
U.L. 555S and U.L.C. S112.1 Listed Class 2 Leakage

Standard Construction:
Frame: Roll-formed galvanized steel, 16" (406 mm) long, integral sleeve.
Blades: Double thickness galvanized steel, 14 ga. equivalent with welded channel reinforcement.
Bearings: Bronze Oilite press-fit into frame.
Axles: 3/8" (9.5 mm) square plated steel.
Linkage: 1/2" (12.7 mm) diameter plated steel.
Seals: Pressure sensitive 450 °F silicone sandwiched between blades.
Linkage: Jackshaft to blade.
Controlled Closure Devices: (Heat Activated)
  - EFL - 165 °F Standard, 212, 250, 350 °F available
  - PFL - 165 °F Standard, 212 °F available
Finish: Mill galvanized.
Retaining Plates: (2) 20 ga. galvanized steel complete with angle clips.
Maximum Velocity: 2000 fpm (10.2 m/s) on all sizes
Maximum Pressure: 4" wg (1kPa)
Sizes:
  - Minimum Sizes: 8" (203 mm) diameter
  - Maximum Sizes: 24" (610 mm) diameter

Features:
- The F/S-RD-II series Combination Fire/Smoke Dampers have been designed and tested to exceed all U.L. U.L.C. and N.F.P.A. requirements for fire dampers as well as smoke dampers. They are intended for use where building codes call for a fire damper to also operate as a smoke damper.
  - U.L. 555 and U.L.C S112 listed and labelled as a 1-1/2 hour fire damper.
  - U.L 555S / U.L.C. S112.1 listed and labeled as a Leakage Class II rated Smoke Damper with airflow in both directions. Class II provides for a maximum leakage of 20 cfm per sq. ft. at 4.0 inches static pressure. As we are constantly expanding our U.L./U.L.C. listings, we suggest you contact the factory for current information.

Options:
- 20" Sleeve/body
- 24" Sleeve/body
- Actuator
  - Electric, _______ VAC Voltage
  - Pneumatic, 25 PSI
- Smoke Detector*
  - Ionization
  - Photoelectric
    - "Must have 24" Sleeve
- DTO/RE w/ MS Package
- Micro-Switch Package
- RCB-1, -2, -3

SUGGESTED SPECIFICATIONS:
Combination Fire/Smoke Dampers shall be Model: F/S-RD-II by United Enertech. Fire/Smoke Dampers shall bear the Underwriter Laboratories labels for both Fire Dampers and Smoke Dampers. U.L. 555S / U.L.C. S112.1 rating shall be Class II with Leakage in cfm per sq. ft. not to exceed 20 cfm per sq. ft. at 4.0 inches static pressure for any size.
Pressure drop testing was done by an independent laboratory to AMCA Standard 500-D, Fig. 5.3 ductwork upstream & downstream.

LEAKAGE OBTAINED IN TEST OF 8” DIAMETER AND 24” DIAMETER WAS LESS THAN 1 CFM/SQ. FT.