

TECHNICAL DATA

FROM

Anemostat

Door Products

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FLDL-UL-SG1

FUSIBLE LINK LOUVER WITH
 SECURITY GRILLE ONE SIDE

FIRE RATINGS



UNDERWRITERS'
 LABORATORIES

B.S.-476.22
 British Standard

HURRICANE RATINGS

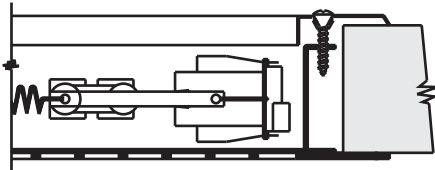


UNDERWRITERS'
 LABORATORIES
 FILE #R26087

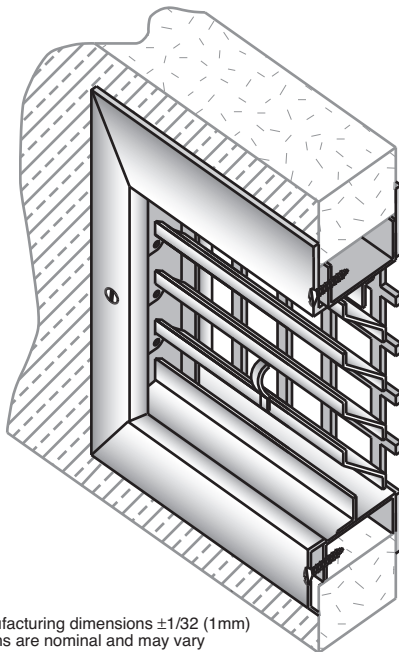


Florida
 Building Code
 Hurricane
 Approval
 FILE #FL11757

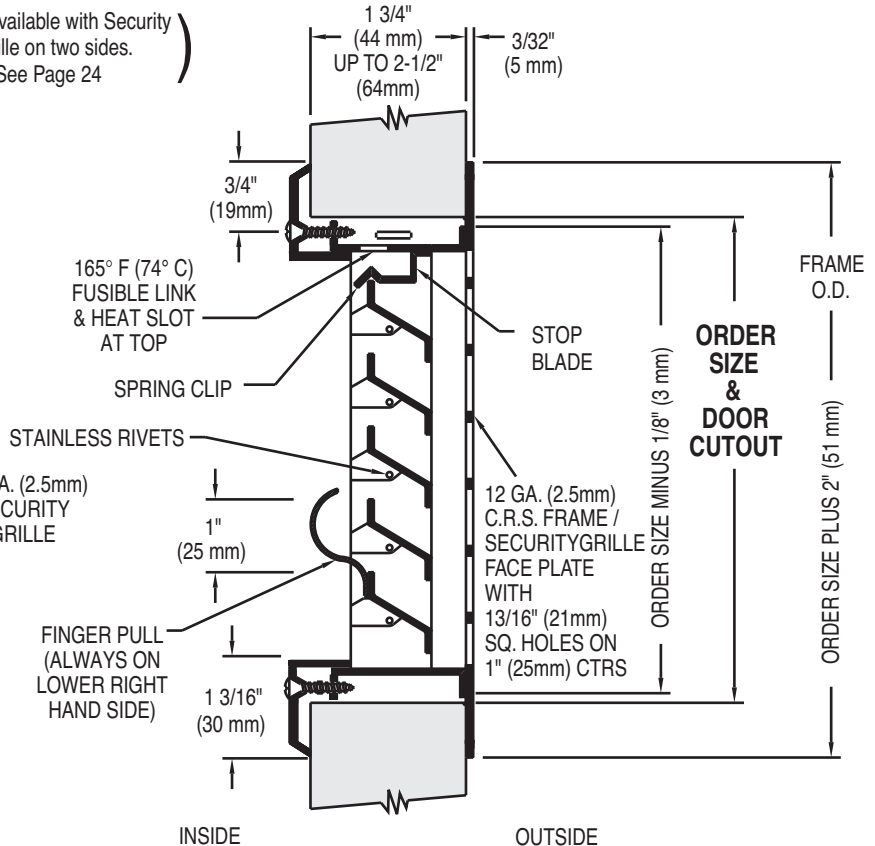
DETAIL DRAWING



(Also Available with Security
 Grille on two sides.
 See Page 24)



Anemostat manufacturing dimensions ±1/32 (1mm)
 Actual dimensions are nominal and may vary
 based on component manufacturers tolerances.



STANDARD PRODUCT FEATURES

- **MATERIAL:** 18 GA. (1.2mm) Cold Rolled Steel Louver Blades and Inside Frame. 12 GA. (2.5mm) Cold Rolled Steel Security Grille Frame (one side only) Face Plate with 13/16 (21mm) square holes on 1" (25mm) centers.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- **INSTALLATION:** Self attaching using #8 x 1" (25mm) one way vandal proof security screws that fasten the auxiliary frame to the louver core, thru the cut out in the door. The corridor side of the frame is free of fasteners for added security.
- **DOOR THICKNESS:** 1 3/4" (44mm) Door is Standard. Also available for up to 2-1/2" (64mm) Door. (to maintain fire rating).
- **CLOSING ASSEMBLY:** Stainless steel operating springs assure proper action with the closing mechanism.
- **AESTHETICS:** Tight mitered corners and countersunk mounting holes make for a clean appearance.
- **USES:** In fire rated security door applications.
- **FREE AIR FLOW:** 40% Free Area.
- **NOTE:** For Exterior use, High Humidity or Salt Air application, product must be Galvanized or Stainless Steel.
- **IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

OPTIONAL FEATURES

- **MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized (Zinc Plated). Not available in Galvanized Coil or Hot Dipped.
- **FINISH:** Custom Baked Enamel Colors (as per sample chip supplied by customer).
- **FASTENERS:** Special Security Screw Fasteners, See Page 26, this section.
- **SPECIALS:** Fractional sizes not available.
- **SCREENS:** Mesh insect screens are loose, attached or framed. (Galvanized, Aluminum, Charcoal Aluminum, Stainless Steel.) See Louvers page 12 & 13.

FIRE RATINGS (w/ U.L. & W.H.I. classification markings) Positive Pressure

- **20/45/60/90 MINUTE:** Approved listing - max width 24" (610mm), max height 24" (610mm) min width 10" (254mm), min height 6" (152mm)

BS 476.22 Steel Doors - 2 hours. Tested to 610mm x 610mm
 British Standard

HURRICANE TEST / WINDSTORM APPROVALS (W/ U.L. MARKING)

- Successfully tested in accordance with ASTM E1886, E1996 and E330 and ANSI 250.13-Impact 350 FT LBS. Design Pressure: +/- 70 PSF (large missile test).
- Complies with Florida Building Code Standards
- Maximum size for hurricane use is 24" x 24" (610mm x 610mm)

Job Name & Location	Submitted by