

# TECHNICAL DATA

FROM

# Anemostat

## Door Products

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# FLDL-W

## EXPANDABLE

### FIRE RATED FUSIBLE LINK LOUVER

FIRE  
RATINGS

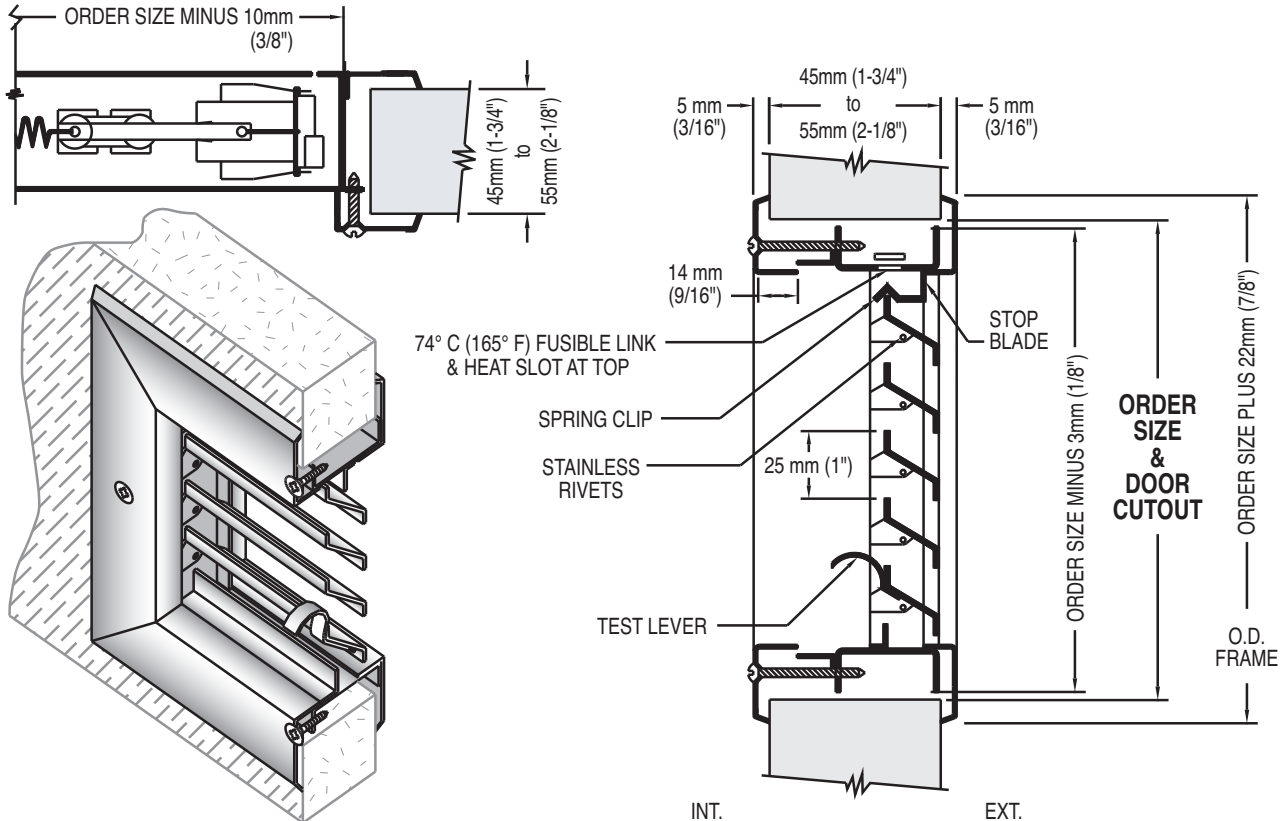


UNDERWRITERS'  
LABORATORIES  
FILE #R7776

**B.S.-476.22**  
British Standard

**BSEN-1634-1**  
Fire Resistance

### DETAIL DRAWING



#### STANDARD PRODUCT FEATURES

- **MATERIAL:** 1.2 mm (18 GA) Galvanised Steel Frame and Louver Blades, 1.5 mm (16 GA) inner support members.
- **FINISH:** RAL 9006 Silver Baked Enamel, Gray Primer, Beige or Bronze Baked Enamel
- **INSTALLATION:** Self attaching using #8 x 25mm (1") or 38mm (1-1/2") phillips head 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:** Expandable from 45mm (1-3/4") to 55mm (2-1/8") Metal or Wood Doors
- **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.
- **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), Galvanised (Zinc Plated). Not available in Hot Dipped or Aluminum.
- **FINISH:** Custom Baked Enamel Colors (as per sample chip supplied by customer).
- **FASTENERS:** Special security screw fasteners
- **SPECIALS:** Fractional sizes not available. Height must be in even inches, 1" (25.4mm)

#### FIRE RATINGS

##### UL 10C with Classification Markings

- Approved Testing - 20/45/60/90 Minutes  
 Max width 24" (610mm), max height 24" (610mm)  
 Min width 10" (254mm), min height 6" (152mm)

##### BSEN-1634-1:2008 (Fire Resistance)

- Approved Testing - Timber Doors - \*60 minutes (E-60)  
 Max width 24" (610mm), max height 24" (610mm)  
 Min width 10" (254mm), min height 6" (152mm).  
 \*Must be used with Zero Plus Intumescent Aperture Liner

##### BS 476.22

- Approved Testing - Steel Doors - 120 Minutes (E-120)  
 Max width 24" (610mm), max height 24" (610mm)  
 Min width 10" (254mm), min height 6" (152mm)

Job Name & Location	Submitted by