



# TECHNICAL DATA

FROM

# Anemostat®

## DOOR PRODUCTS

A MESTEK COMPANY

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# Lo-FP-18

# Lo-FP-18-IS

18" (457mm) ROUND  
 LO-PROFILE METAL VISION FRAME



UNDERWRITERS'  
 LABORATORIES

EN-1634

European Standard

FIRE RATINGS

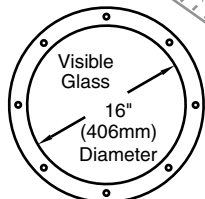
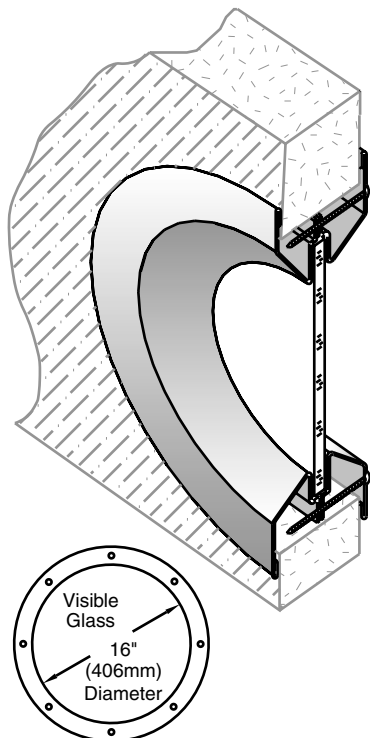


WARNOCK  
 HERSEY

B.S.-476.22

British Standard

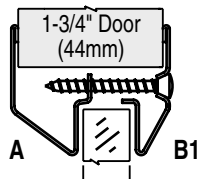
### DETAIL DRAWING



8 mounting holes per vision frame

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

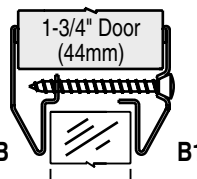
#### Lo-FP-18-AB1



GLAZING THICKNESS 5/8" to 11/16" (16mm to 17mm)

GLAZING SPACE 3/4" (19mm)

#### Lo-FP-18-BB1

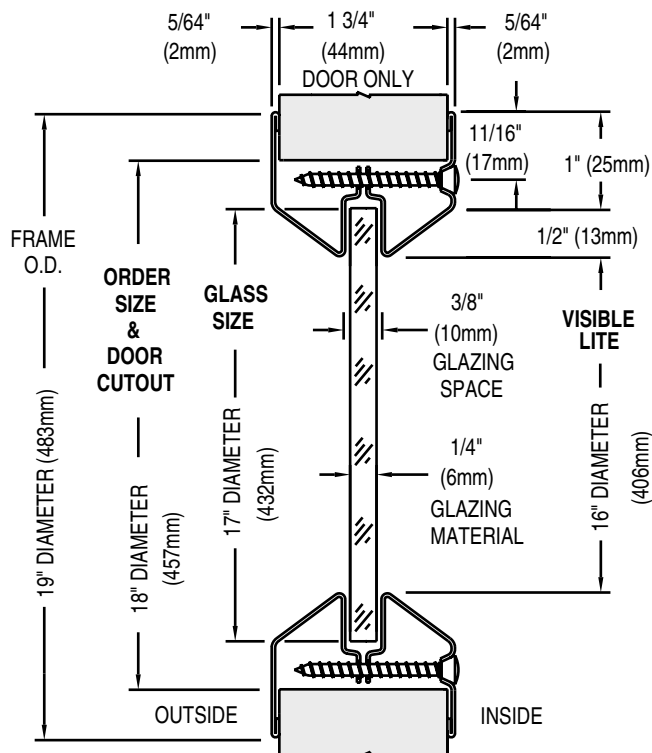


GLAZING THICKNESS 7/8" to 1" (22mm to 25mm)

GLAZING SPACE 1 1/16" (27mm)

A, B = Non Screw Side of Frame  
 A1, B1 = Screw Side of Frame

#### Lo-FP-18-AA1



### STANDARD PRODUCT FEATURES

- MATERIAL:** 20 GA. (1mm) Cold Rolled Steel.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** Uses #8 x 1 3/4" (44mm) long phillips oval head screws that pass through the door cutout and fasten to the opposite side of the vision frame, eliminating the need for thru bolts.
- DOOR THICKNESS:** For 1 3/4" (44mm) Wood or Metal Doors.
- GLAZING:** Should be 1/4" (6mm), 3/16" (5mm) or 5/16" (8mm) fire and/or safety rated with U.L. and/or W.H.I. classification markings. Glazing space of 3/8" (10mm) allows for glazing tape to be used on both sides of the glass. See drawing above for details on other glass thicknesses available.
- AESTHETICS:** Smooth round contour of low profile frame style gives a unique design to any setting.
- IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.
- NOTE:** For Exterior use, High Humidity or Salt Air application, product must be Galvanized steel.

### OPTIONAL FEATURES

- MATERIAL:** #304 or #316 Stainless Steel, #4 Finish(Satin), Galvanized (Hot Dipped, or Zinc Plated).
- FINISH:** Custom Baked Enamel Colors (as per sample chip supplied). Plated Finishes to match the lock, hinges and closer.
- FASTENERS:** Special Security Screw Fasteners, See Page 36, this section.
- SPECIALS:** Consult Factory for special diameter sizes and other special glass or door thickness.

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

- 20/45/60\*90\* MINUTE:** Approved listing at 201 sq.in. (0.13 m<sup>2</sup>) visible lite.
- \* Must be used with FIRELITE Plus or NT and Fire listed glazing tape or another manufacturer's equivalent product. Glazing combination must be used in appropriately tested door assembly.

**BS 476.22** British Standard  
 Timber Doors - 30 min. and 1 hour.  
 Steel Doors - 2 hours (4 hours actual).

**EN-1634** European Std.  
 30/60 min. integrity and insulation - Indicative Testing

- PLEASE NOTE:** On visible lite sizes larger than 1296 sq. in. (0.836 m<sup>2</sup>) on 20/45 min. and 100 sq. in. (0.065 m<sup>2</sup>) on 60/90/180 min., please consult with your Door / Frame Manufacturer's procedures, for their maximum glass size tested.

Job Name & Location	Submitted by