



TECHNICAL DATA
FROM
Anemostat[®]
DOOR PRODUCTS
A MESTEK COMPANY

P.O. BOX 4938 • 1220 WATSONCENTER ROAD
CARSON, CA 90745-4206
(310) 835-7500 • FAX (310) 835-0448

e-mail: sales@anemostat.com • website: www.anemostat.com

LoPro[™]
LO-PROFILE
METAL VISION FRAME



FIRE RATINGS



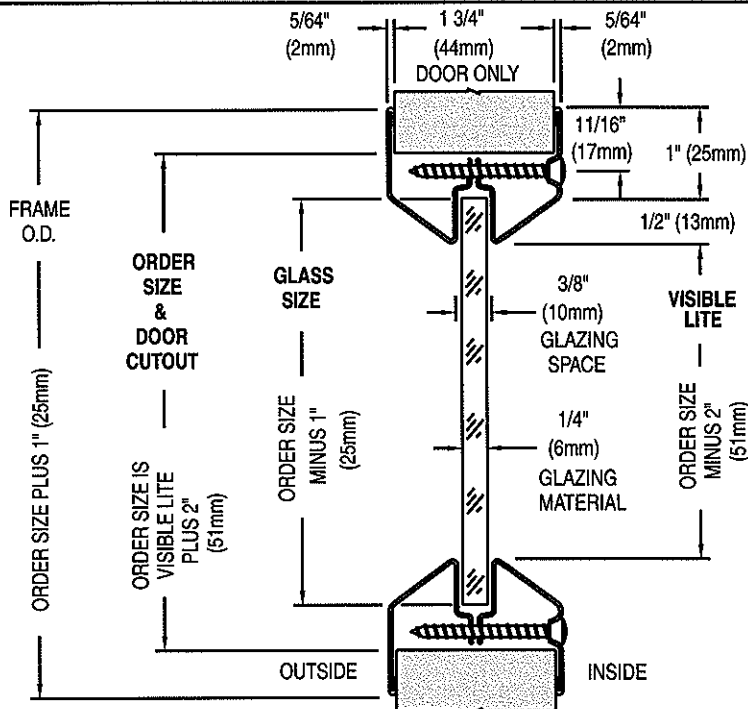
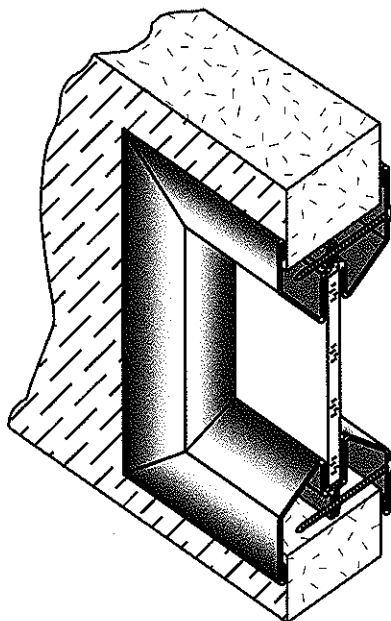
UNDERWRITERS' LABORATORIES

WARNOCK HERSEY

EN-1634 (pending)
European Standard

B.S.-476.22
British Standard

DETAIL DRAWING



Anemostat manufacturing dimensions $\pm 1/32$
Actual dimensions are nominal and may vary
based on component manufacturers tolerances.

STANDARD PRODUCT FEATURES

- **MATERIAL:** 20 GA. Cold Rolled Steel.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- **INSTALLATION:** One of our newest products is easy to install and provides a low profile, flush to the door look. Uses 1 3/4" sheet metal screws that pass through the door cutout, and fastens to the opposite side of the vision frame, thus eliminating the need to drill the door for thru bolts and saving installation time and labor. It also leaves the corridor side of the frame free of fasteners for added security and a cleaner, more aesthetic appearance.
- **DOOR THICKNESS:** For 1 3/4" Wood or Metal Doors.
- **GLAZING:** Should be 1/4", 3/16" or 5/16" fire rated with U.L. and/or W.H.I. classification markings. Nominal glazing space of 3/8" allows for glazing tape to be used on both sides of the glass. (See Glass and Glazing section)
- **AESTHETICS:** Tight mitered corners, beveled glass stop and low profile, provide a clean tapered look.
- **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 or Stainless Steel.

OPTIONAL FEATURES

- **MATERIAL:** #304 or #316 Stainless Steel, #4 Finish(Satin), Galvanized(Coil, Hot Dipped, or Zinc Plated) Mill Finish Aluminum-(Not Fire Rated).
- **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 31, this section.
- **SPECIALS:** Fractional Sizes, Lead Lined for X-ray applications. For Special Glass or Door thickness (see FGS-IS or LoPro[™]-IS). For mullions see (LoPro[™]-G, FGS-75-G or BFL-123-G.)
- **HM CLIP:** Replaces the need for reinforcing channel in the door cutout, see page 32 this section.

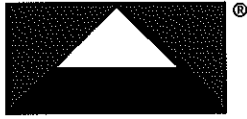
FIRE RATINGS (w/ U.L. & W.H.I. classification markings) Positive Pressure

- **20 MINUTE:*** Approved listing at 3204 sq.in. visible lite (max. width 36", max. height 89").
 - **45/60 MINUTE:*** Approved listing at 2772 sq.in. visible lite (max. width 36", max. height 77").
 - **90 MINUTE:*** Approved listing at 1296 sq.in. visible lite (max. width 36", max. height 54").
 - **3 Hour:*** Approved listing at 100 sq.in. visible lite (max. width 12", max. height 33")
- * Must be used with FIRELITE Plus or NT and Fire listed glazing tape and be used in appropriately tested door assembly.

BS 476.22 British Standard Timber Doors - 30 min. and 1 hour. Tested to 254mm x 762mm
Steel Doors - 2 hours (4 hours actual). Tested to 813mm x 813mm

EN-1634 European Std. 30/60 min. integrity and insulation - pending

Job Name & Location	Submitted by



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BFL-123

METAL
VISION FRAME



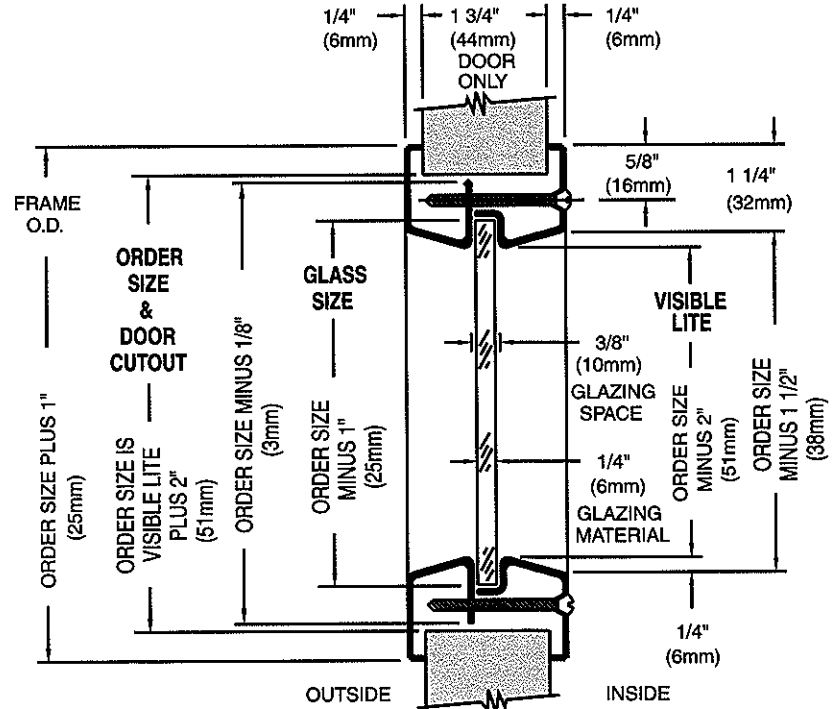
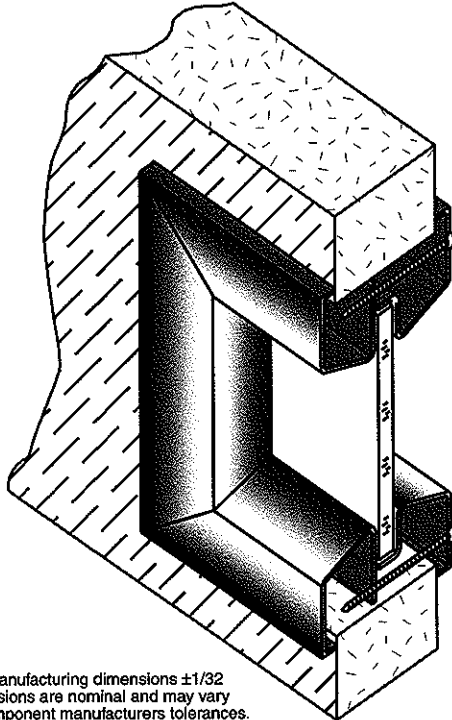
UNDERWRITERS'
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FIRE
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WARNOCK
HERSEY

DETAIL DRAWING



Anemostat manufacturing dimensions ±1/32
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- **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 31, this section.
- **SPECIALS:** Fractional Sizes, Lead Lined for X-ray applications, Glass or Door thickness (see FGS-IS).
- **HM CLIP:** Replaces the need for reinforcing channel in the door cutout, see page 32 this section.

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

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* Must be used with FIRELITE NT and Fire listed glazing tape and be used in appropriately tested door assembly.

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434A100A



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FGS-75

METAL
VISION FRAME



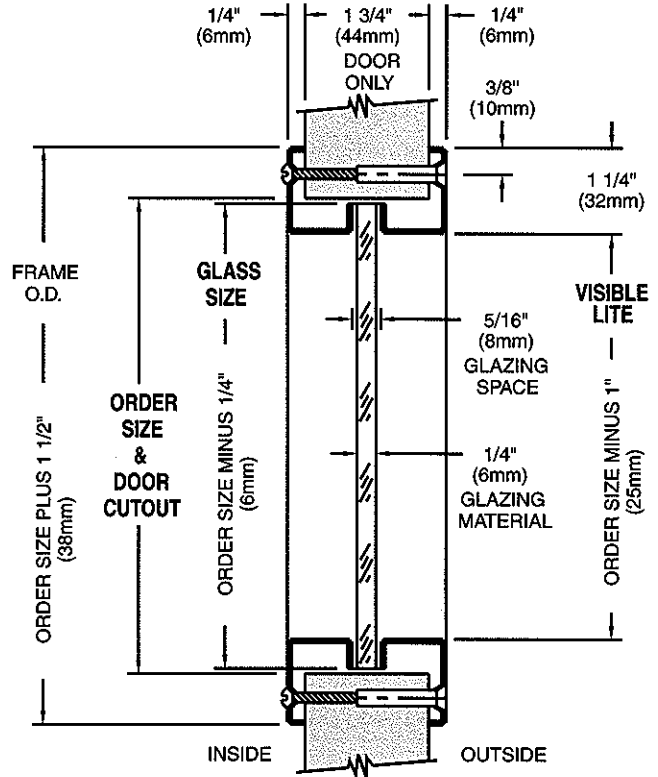
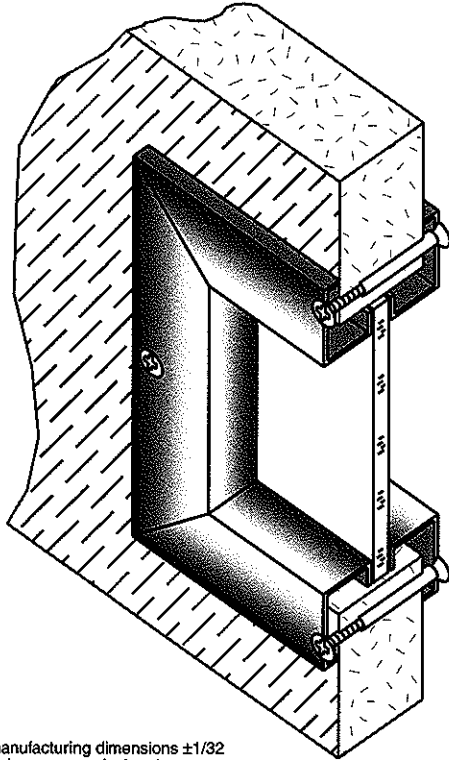
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FIRE
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WARNOCK
HERSEY

DETAIL DRAWING



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Actual dimensions are nominal and may vary
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STANDARD PRODUCT FEATURES

- **MATERIAL:** 18 GA. Cold Rolled Steel.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- **INSTALLATION:** By drilling 1/4" holes thru the door, around the perimeter of the door cutout.
Frame has countersunk mounting holes for #8x32 phillips head steel thru bolts with a blank head on one side for flush appearance.
- **DOOR THICKNESS:** For 1 3/4" Wood or Metal Doors.
- **GLASS:** Should be 1/4" or 3/16" fire rated with U.L. and/or W.H.I. classification markings.
Glazing space of 5/16" allows for glazing tape to be used on both sides of the glass.
- **AESTHETICS:** Tight mitered corners, 90° angle on glass stop for maximum visible lite area.
- **IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.
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OPTIONAL FEATURES

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See Page 31, this section.
- **SPECIALS:** Fractional Sizes, Lead Lined for X-ray applications,
Glass or Door thickness (see FGS-IS or FGS-DBL).
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BFL-75

METAL
VISION FRAME



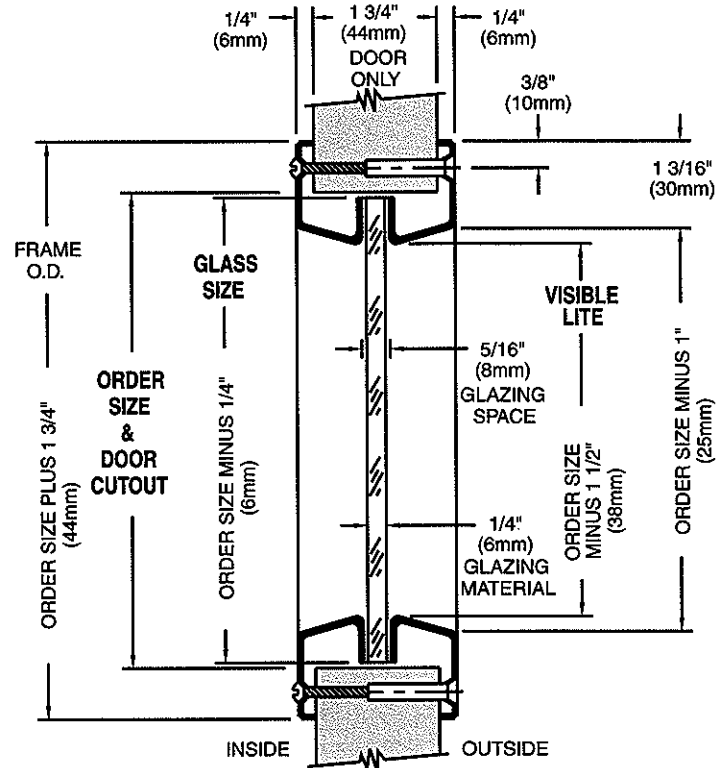
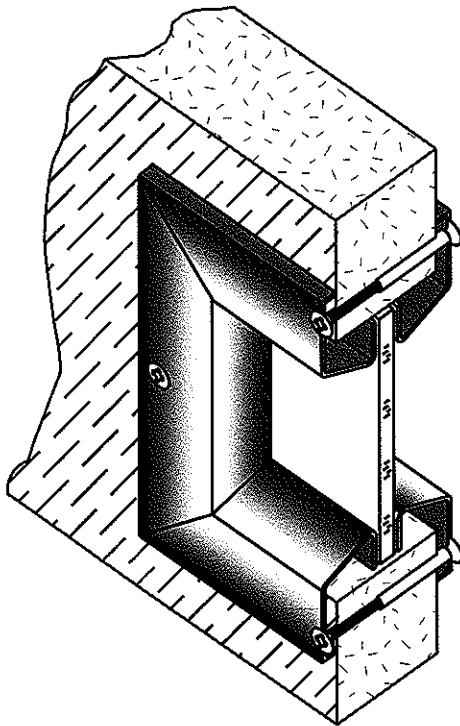
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434A102A

For Most Current Info, Consult Factory or check our website, www.anemostat.com

OCTOBER 2004
METAL VISION FRAMES PAGE 4