

TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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

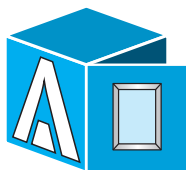
INDEX

FOR

SECURITY PRODUCTS VISION FRAMES

DETAIL DRAWING

MODEL	DESCRIPTION	DATE PRINTED	PAGE
SG-10	High Security for Special Glass or Door Thickness	January 2015	1
SG-12-SP	Medium Security with Speak Port	January 2015	2
SG-12-LCP	Security with Locking Cuff Port / Food Pass	January 2015	3
SG-10-SP	High Security with Speak Port	January 2015	4
SG-10-RSP	High Security with Removable Double Speak Port	January 2015	5
SSD	Security Sliding Door Panel	January 2015	6
SG-10-SSD	High Security with Sliding Door Panel	January 2015	7
SG-10-SP-SSD	High Security with Speak Port and Security Sliding Door Panel	January 2015	8
LoPro™-SSD	Lo-Profile Vision Frame with Security Sliding Door Panel	January 2015	9
BR-7	Bullet and Impact Resistant	January 2015	10
SG-12-LSC	Security with Operating Security Cover and Lock	January 2015	11
FGS-75-SC	With Operating Security Cover	January 2015	12
FGS-75-LSC	With Operating Security Cover and Lock	January 2015	13
LoPro™-SC	Lo-Profile with Operating Security Cover	January 2015	14
LoPro™-GR	Lo-Profile with Security Grille One Side	January 2015	15
LoPro™-SC-GR	Lo-Profile with Security Grille One Side and Operating Security Cover	January 2015	16
SL-IS	With Security Grille for Standard/Special Glass or Door Thickness	January 2015	17
FGS-MS-FR	Fire Rated, Impact and Security	January 2015	18
FGS-MS	Impact and Security	January 2015	19
SL-FS-LSC	Ventilating with Stainless Steel Screen and Security Grille Two Sides Plus Locking Security Cover	January 2015	20
SL-FS	Ventilating with Stainless Steel Screen and Security Grille Two Sides	January 2015	21
Fasteners for Security Products	January 2015	22



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SG-10

HIGH SECURITY
METAL VISION FRAME FOR SPECIAL
GLASS OR DOOR THICKNESS



UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

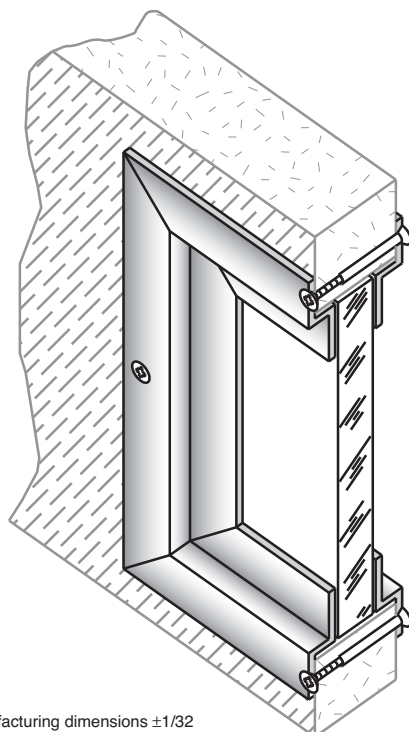


WARNOCK
HERSEY

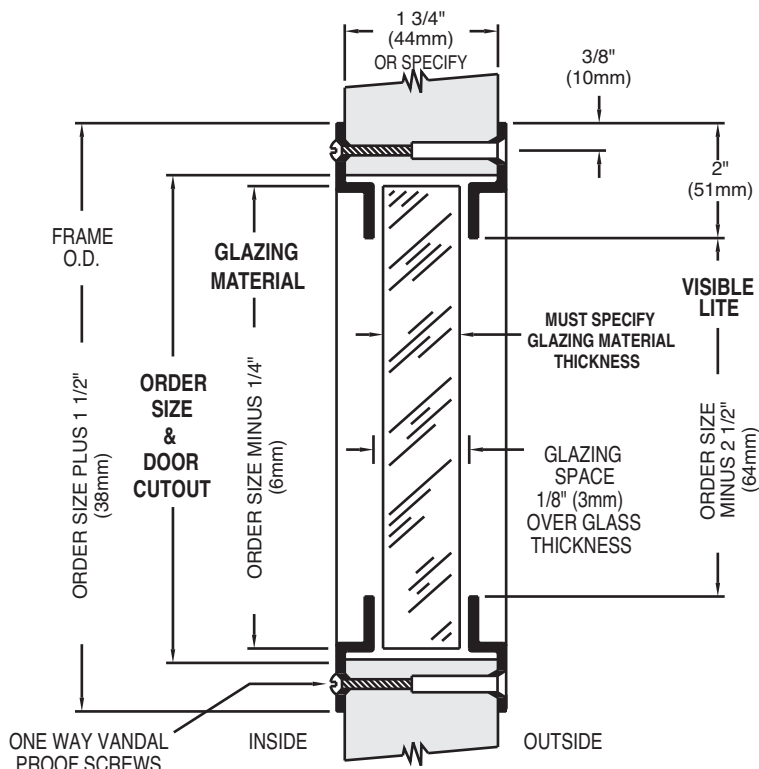
MEETS **ASTM F-1450-97** †

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:** 10 GA. (3.4mm) Cold Rolled Steel Frame on glass 3/16" (5mm) to 1" (25mm) thick.
12 GA. (2.5mm) Cold Rolled Steel Frame on glass over 1" (25mm) to 1 9/16" (40mm) thick.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Frame has countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts with a blank head on one side for flush appearance and improved security.
- DOOR THICKNESS:** 1 3/4" (44mm) (std), or up to 2 1/4" (57mm) (specify).
- GLAZING:** Thickness can range from over 3/16" (5mm) and up to 1 9/16" (40mm). Glazing space of 1/8" (3mm) over glass thickness is standard, allowing for glazing tape to be used on both sides of the glass. Glazing material should be fire and/or safety rated with U.L. and/or W.H.I. classification markings.
- USES:** For use with glass 3/16" (5mm) and up to 1 9/16" (40mm) thick and high security is required.
- 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 (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 26, this section.
- SPECIALS:** Fractional sizes, Glass thickness 3/16" (5mm) and up to 1 9/16" (40mm) and Door thickness up to 2 1/4" (57mm).

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

- 20/45/60* MINUTE:** Approved listing at 1296 sq. in. visible lite. (max. width 54", max. height 54").
- 60**/90** MINUTE:** Approved listing at 1080 sq. in. visible lite. (max. width 35", max. height 35").
- 60/90 MINUTE:** Approved listing at 100 sq. in. visible lite. (max. width 10", max. height 33").

*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.

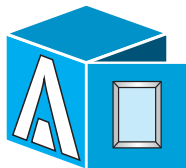
**Must be used with 7/8" (23mm) or 1-1/16" (27mm) Pyrostop and fire listed glazing tape, and be used in an appropriately tested door assembly.

IMPACT RATINGS

† Tested in Compliance with **ASTM F-1450-97** Must use 1/4" x 20 Thru Bolt blank one side (not shown in drawing, see page 26 this section).

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

Job Name & Location	Submitted by



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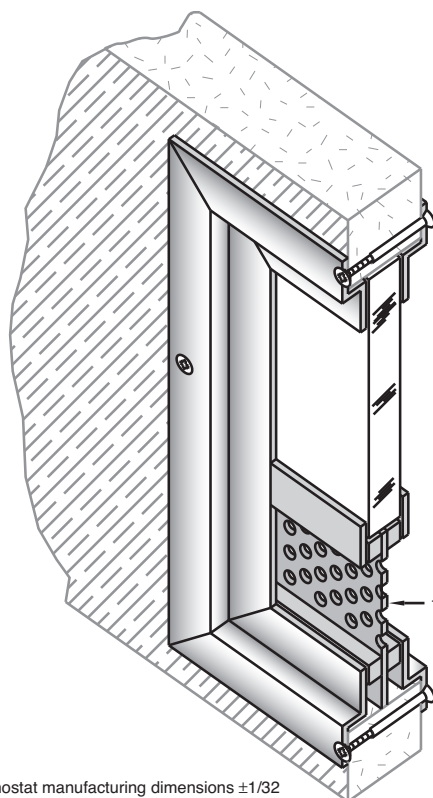
SG-12-SP

SECURITY
VISION FRAME
WITH
SPEAK PORT

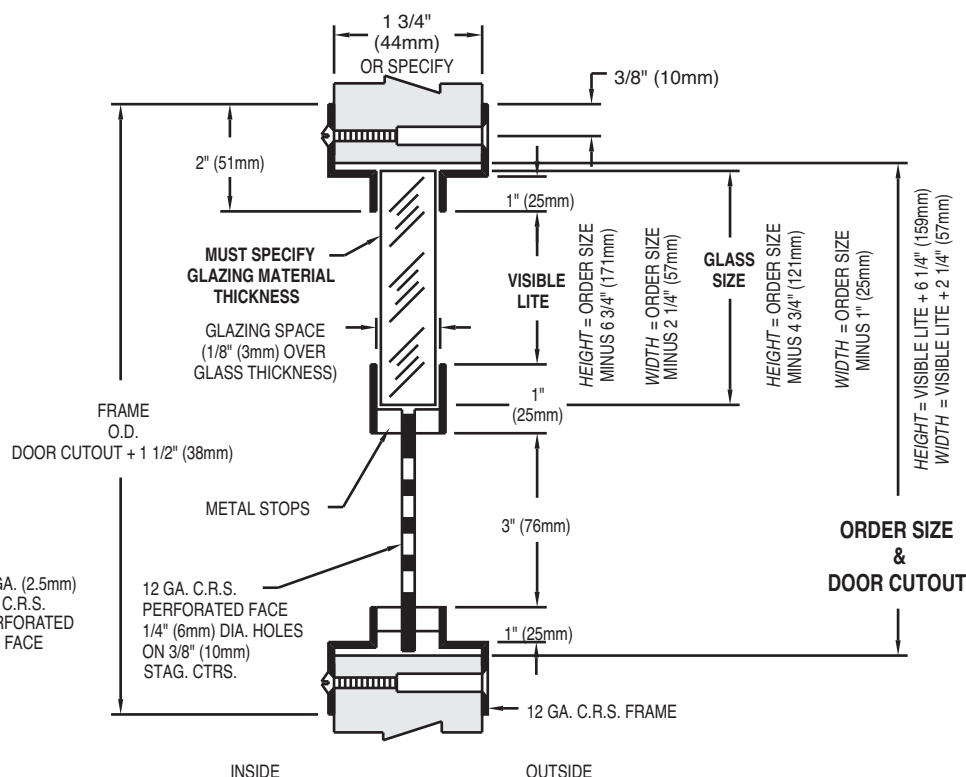
NOT FIRE RATED

MEETS ASTM F-1450-97 †

DETAIL DRAWING



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



STANDARD PRODUCT FEATURES

- MATERIAL:** 12 GA. (2.5mm) Cold Rolled Steel Frame on glass 3/16" (5mm) and up to 1 9/16" (40mm) thick.
- SPEAK PORT:** 12 GA. (2.8mm) cold rolled steel plate with perforated face. 1/4" (6mm) diameter holes on 3/8" (10mm) staggered centers.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Frame has countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts with a blank head on one side for flush appearance.
- DOOR THICKNESS:** For 1 3/4" (44mm) (std) or up to 2 1/4" (57mm) (specify).
- GLAZING:** Thickness can range from over 3/16" (5mm) and up to 1 9/16" (40mm). Glazing space of 1/8" (3mm) over glass thickness is standard, allowing for glazing tape or compound to be used on both sides of the glass.
- 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 (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 26, this section.
- SPECIALS:** Fractional Sizes, Glass thickness 3/16" (5mm) and up to 1 9/16" (40mm) and Door thickness up to 2 1/4" (57mm).

FIRE RATINGS

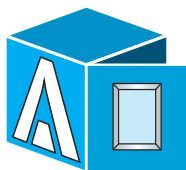
SG-12-SP is not fire rated

IMPACT RATINGS

† Tested in Compliance with ASTM F-1450-97 Must use 1/4" x 20 Thru Bolt blank one side (not shown in drawing, see page 26 this section).

- IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

Job Name & Location	Submitted by



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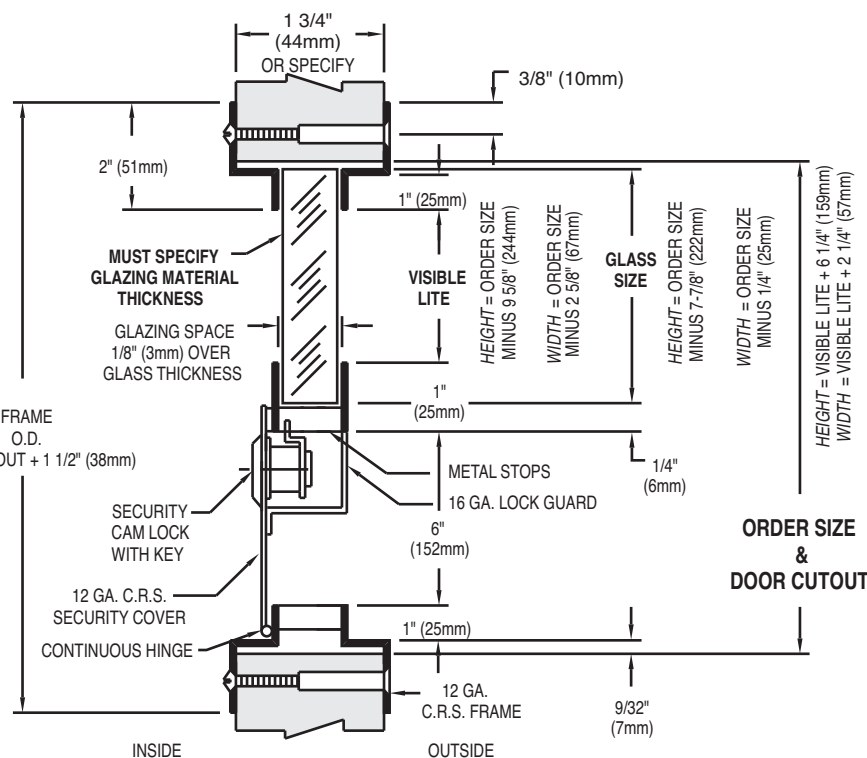
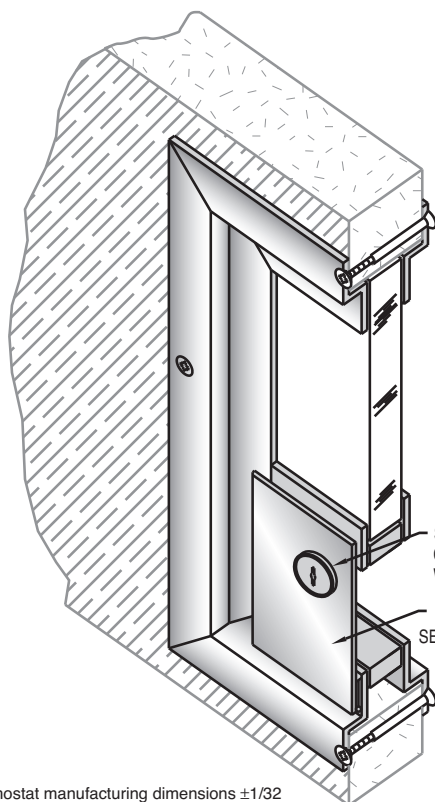
e-mail: door@anemostat.com • website: www.anemostat.com

SG-12-LCP

SECURITY
VISION FRAME
WITH
LOCKING
CUFF PORT / FOOD PASS

NOT FIRE RATED

DETAIL DRAWING



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

STANDARD PRODUCT FEATURES

- MATERIAL:** 12 GA. (2.5mm) Cold Rolled Steel Frame on glass 3/16" (5mm) and up to 1 9/16" (40mm) thick.
- SECURITY COVER:** 16 GA. (1.7mm) cold rolled steel plate with security keyed lock. Hinged to swing down for food pass or cuff port.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Frame has countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts with a blank head on one side for flush appearance.
- DOOR THICKNESS:** For 1 3/4" (44mm) (std) or up to 2 1/4" (57mm) (specify).
- GLAZING:** Thickness can range from over 3/16" (5mm) and up to 1 9/16" (40mm). Glazing space of 1/8" (3mm) over glass thickness is standard, allowing for glazing tape to be used on both sides of the glass.

OPTIONAL FEATURES

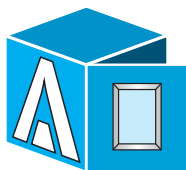
- MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized (Hot Dipped, or Zinc Plated).
- FINISH:** Special Order Baked Enamel Colors (as per sample chip supplied). Plated Finishes to match the lock, hinges and closer.
- FASTENERS:** Special Security Screw Fasteners, See Page 26, this section.
- SPECIALS:** Fractional Sizes, Glass thickness 3/16" (5mm) and up to 1 9/16" (40mm) and Door thickness up to 2 1/4" (57mm).

FIRE RATINGS

SG-12-LCP is not fire rated

- 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.

Job Name & Location	Submitted by



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FROM

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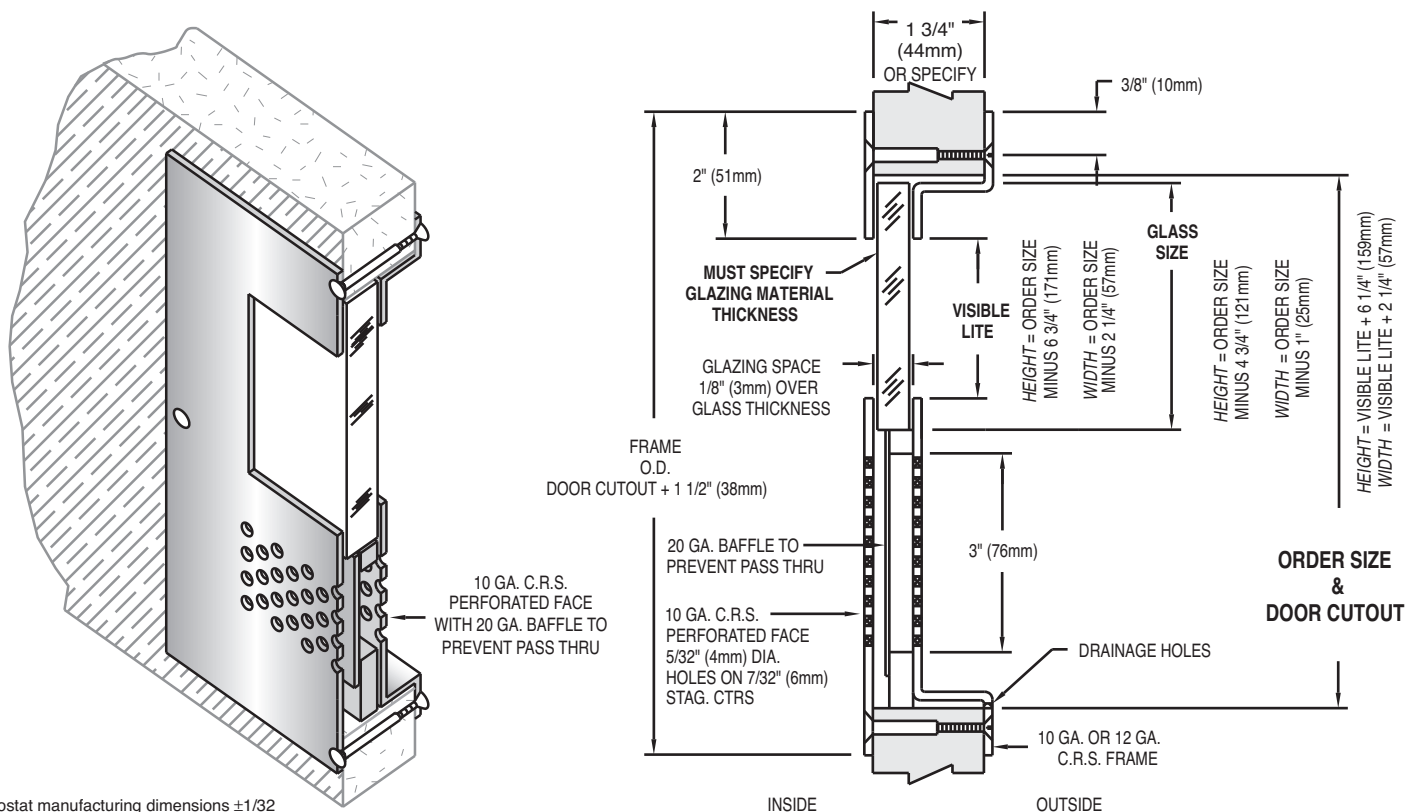
SG-10-SP

HIGH SECURITY
VISION FRAME
WITH
DOUBLE SPEAK PORT
(WITH BAFFLE)

NOT FIRE RATED

MEETS ASTM F-1450-97 †

DETAIL DRAWING



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

STANDARD PRODUCT FEATURES

- **MATERIAL:** 10 GA. (3.4mm) Cold Rolled Steel Frame face frame (inside)
12 GA. (2.5mm) Cold Rolled Steel Frame back frame (outside)
- **SPEAK PORT:** Two 10 GA. (3.4mm) cold rolled steel plates with perforated
faces. 5/32" (4mm) diameter holes on 7/32" (5.5mm) staggered
centers, with 20 GA. (0.9mm) baffle to prevent the passing
of contraband.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- **INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the
perimeter of the door cutout. Frame has countersunk
mounting holes for #8x32 one way vandal proof
security screw thru bolts with a blank head on one
side for flush appearance.
- **DOOR THICKNESS:** For 1 3/4" (44mm) (std) or up to 2 1/4" (57mm) (specify).
- **GLAZING:** Thickness can range from over 3/16" (5mm) and up to
1 9/16" (40mm). Glazing space of 1/8" (3mm) over glass
thickness is standard, allowing for glazing tape to be used
on both sides of the glass.
- **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
(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 26, this section.
- **SPECIALS:** Fractional Sizes, Glass thickness 3/16" (5mm) and up to
1 9/16" (40mm) and Door thickness up to 2 1/4" (57mm).

FIRE RATINGS

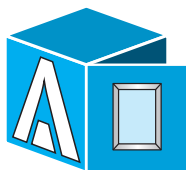
SG-10-SP is not fire rated

IMPACT RATINGS

† Tested in Compliance with ASTM F-1450-97 Must use 1/4" x 20 Thru Bolt blank
one side (not shown in drawing, see page 26 this section).

- **IMPORTANT:** Interpretation of building and fire codes may vary.
Consult with the local authority having jurisdiction in
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Job Name & Location	Submitted by



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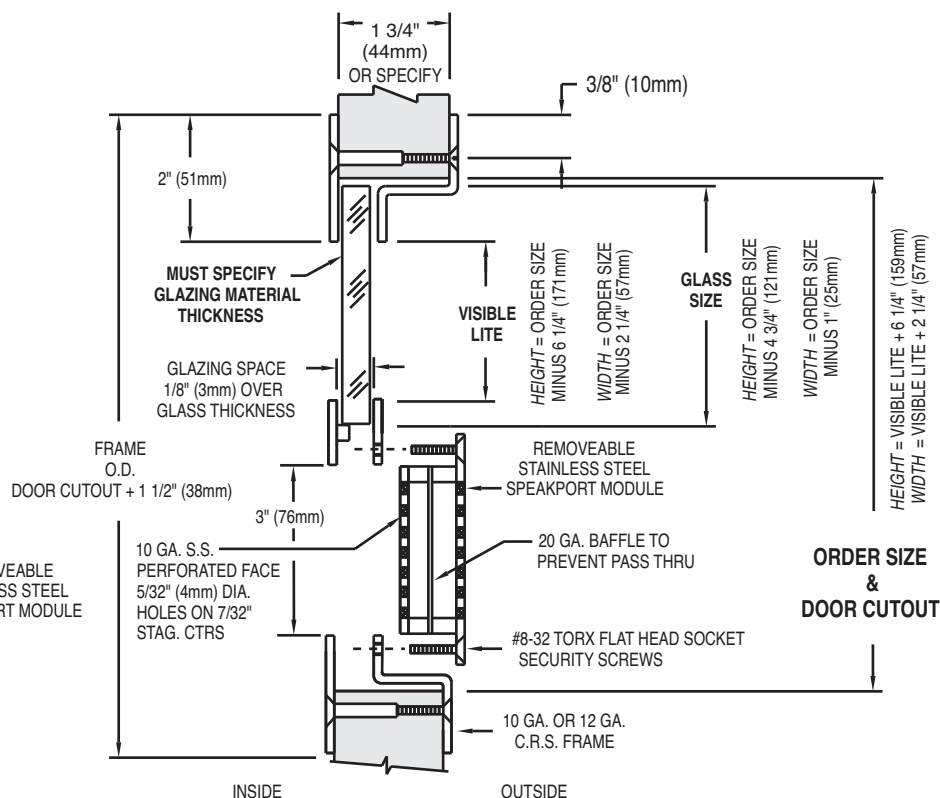
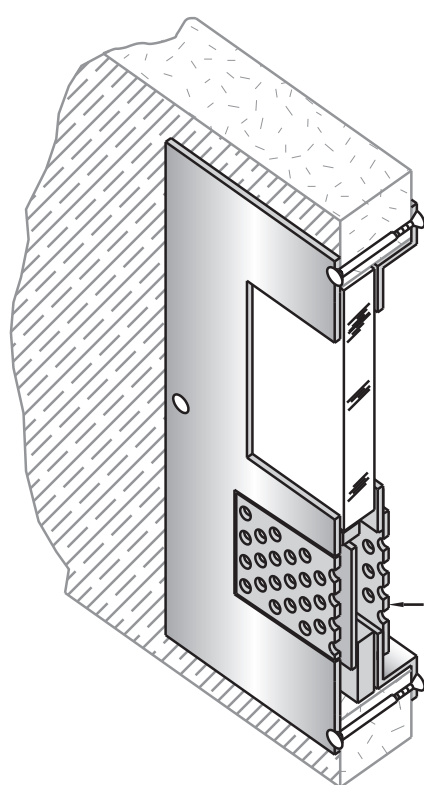
e-mail: door@anemostat.com • website: www.anemostat.com

SG-10-RSP

HIGH SECURITY
VISION FRAME
WITH
REMOVABLE DOUBLE
SPEAK PORT

NOT FIRE RATED

DETAIL DRAWING



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

STANDARD PRODUCT FEATURES

- MATERIAL:** 10 GA. (3.4mm) Cold Rolled Steel Frame face frame (inside)
12 GA. (2.5mm) Cold Rolled Steel Frame back frame (outside)
- SPEAK PORT:** 10 GA. (3.4mm) stainless steel plate with perforated face. 5/32" (4mm) diameter holes on 7/32" (5.5mm) staggered centers. Module removeable for cleaning. 20 GA. stainless baffle prevents pass through of contraband.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Frame has countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts with a blank head on one side for flush appearance. Module is secured with #8-32 Torx security screws.
- DOOR THICKNESS:** For 1 3/4" (44mm) (std) or up to 2 1/4" (57mm) (specify).
- GLAZING:** Thickness can range from 3/16" (5mm) and up to 1 9/16" (40mm). Glazing space of 1/8" (3mm) over glass thickness is standard, allowing for glazing tape to be used on both sides of the glass.

OPTIONAL FEATURES

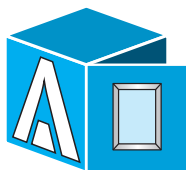
- MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized (Hot Dipped, or Zinc Plated).
- FINISH:** Custom Baked Enamel Colors (as per sample chip supplied). Plated Finishes to match the lock, hinges and closer.
- FASTENERS:** Special Security Screw Fasteners, See Page 26, this section.
- SPECIALS:** Fractional Sizes, Glass thickness 3/16" (5mm) and up to 1 9/16" (40mm) and Door thickness up to 2 1/4" (57mm).

FIRE RATINGS

SG-10-RSP is not fire rated

- 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.

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SSD

SECURITY SLIDING DOOR
FOR SELECTIVE VISION
INTO HIGH SECURITY AREAS



UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

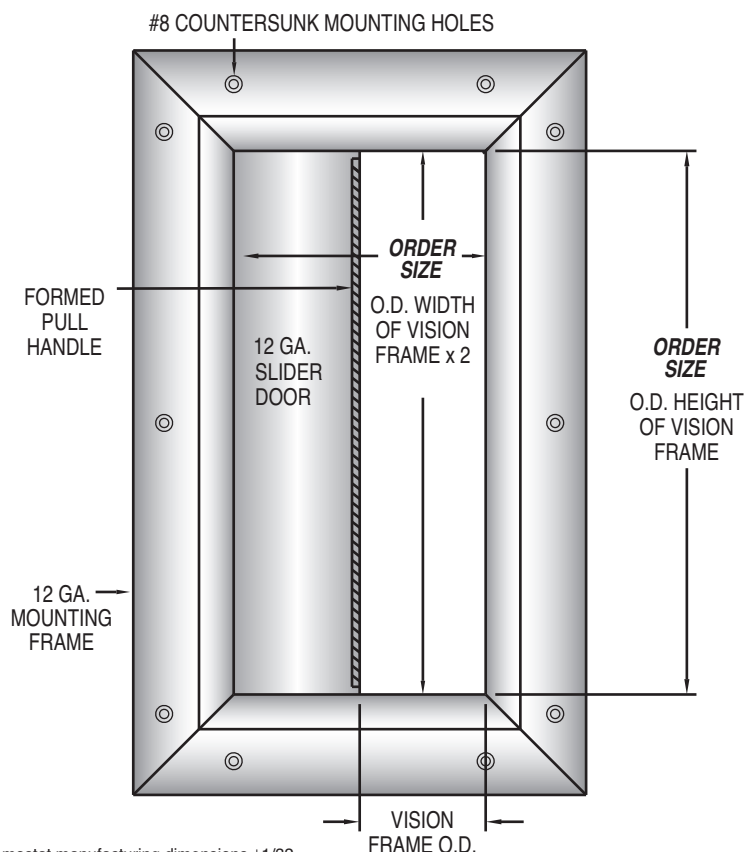


WARNOCK
HERSEY

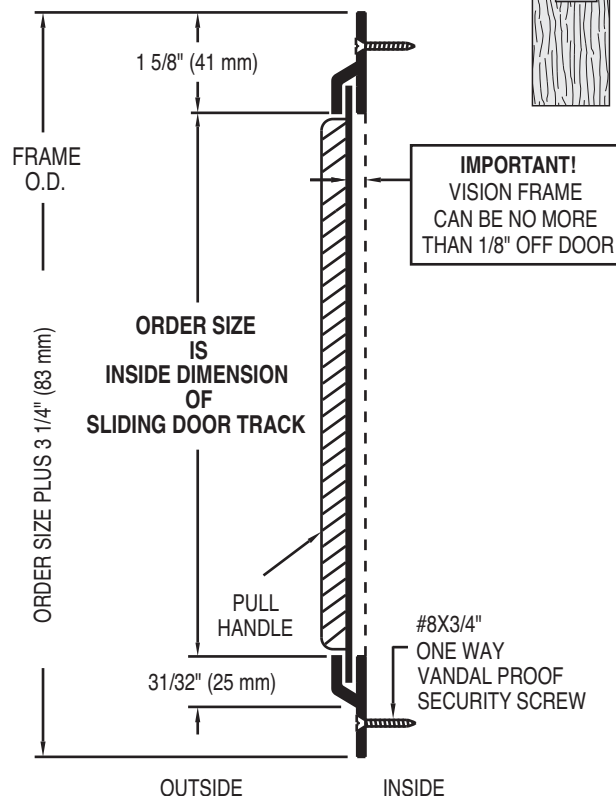
B.S.-476.22 British Standard

DETAIL DRAWING

NOTE: Door slides from side to side. Non-centered vision frame cutout is generally required, i.e. 12" x 12" LoPro vision frame requires 26" x 13" SSD with vision frame set to one side of door, not centered.



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



NOTE: When used with vision frame other than LoPro, or SG-10 outside dimensions of frame must be furnished.

STANDARD PRODUCT FEATURES

- MATERIAL:** 12 GA. (2.5mm) Cold Rolled Steel Channel Frame and Sliding Door.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** #8X3/4" one way vandal proof security screws.
- DOOR THICKNESS:** Works on Doors 3/4" (19mm) and greater.
- USES:** To provide selective vision into security areas. Use with Anemostat SG-10 security vision frame or LoPro™ (see tech. data sheet) or retrofit with existing vision lite kit (refer to dimensional data).
- 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

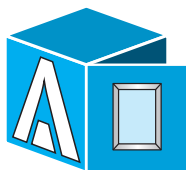
- MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized (Zinc Plated).
- FINISH:** Custom Baked Enamel Colors (as per sample chip supplied).
- FASTENERS:** Special Security Screw Fasteners, See page 27, this section.
- SPECIALS:** Fractional sizes and other steel gauges (contact factory).

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

- 20/45 MINUTE:** Approved listing at 1296 sq.in. (0.836 m²) visible lite max. width 36" (914mm), max. height 36" (914mm).
- 60/90 MINUTE:** Approved listing at 100 sq.in. (0.065 m²) visible lite max. width 10" (254mm), max. height 33" (838mm).

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

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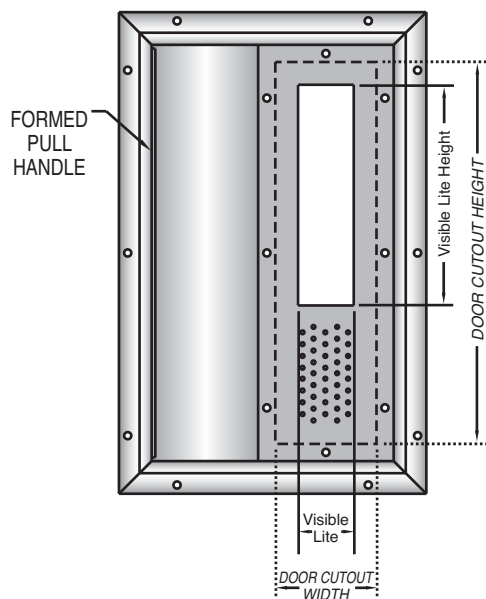
e-mail: door@anemostat.com • website: www.anemostat.com

SG-10-SP-SSD

HIGH SECURITY
METAL VISION FRAME WITH
SPEAK PORT AND
SECURITY SLIDING DOOR

NOT FIRE RATED

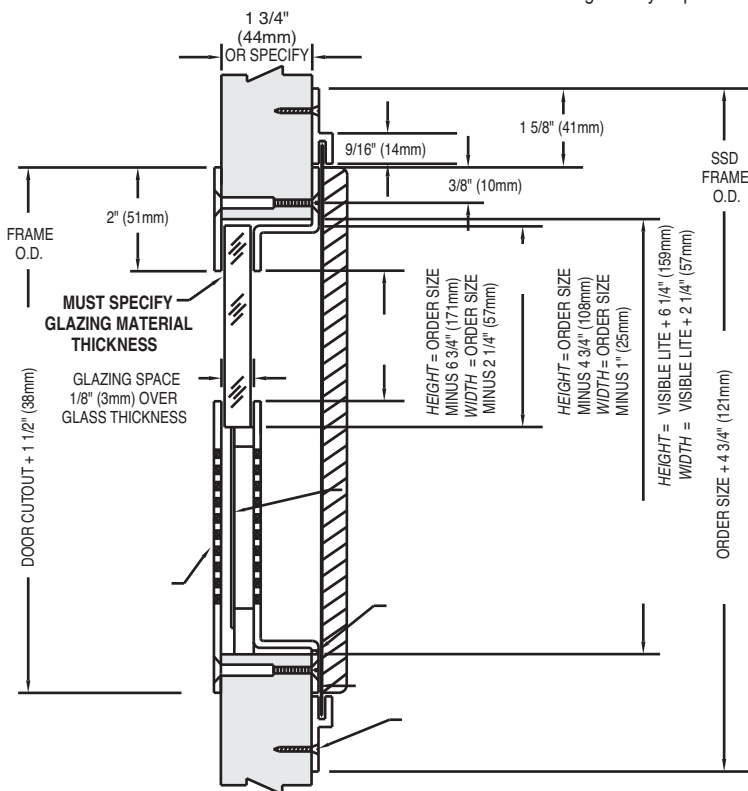
DETAIL DRAWING



NOTE: Width O.D. DIMENSION of SSD portion will be double the width of actual Door Order / Cutout size plus 6-1/4". Height O.D. DIMENSION will be actual Door Order / Cut-out size plus 4-3/4". Please consider your door width when ordering.

EXAMPLE: 12"x12" Order/Cut-out size= 30-1/4"(12"+12"+6-1/4")x16-3/4"(12"+4-3/4")

RECOMMENDATION: Do Not make cutouts in door prior to receiving SSD products.



NOTE: Door slides from side to side.
Non-centered vision frame
cutout is generally required.



STANDARD PRODUCT FEATURES

- MATERIAL:**
SG-10 is: 10 GA. (3.4mm) C.R.S. Frame on glass 3/16" (5mm) to 1" (25mm) thick.
12 GA. (2.5mm) C.R.S. Frame on glass over 1" (25mm) to 1 9/16" (40mm) thick.
SSD is: 12 GA. (2.5mm) C.R.S. Frame and Sliding Door.
SPEAK PORT: Two 10 GA. (3.4mm) C.R.S. plates with perforated faces with 5/32" (4mm) diameter holes on 7/32" (5.6mm) staggered centers.
- FINISH:** Grey Primer, Beige or Bronzed Baked Enamel
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door around the perimeter of the door cutout. Vision Frame has countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts with a blank head on one side for a flush appearance, and improved security. Sliding door frame fits over vision frame, and installs with #8 x 3/4" one way vandal proof security screws.
- DOOR THICKNESS:** For 1 3/4" (44mm) (std), or up to 2 1/4" (57mm) (specify)
- GLAZING:** Thickness can range from 3/16" (5mm) and up to 1 9/16" (40mm). Glazing space of 1/8" (3mm) over glass thickness is standard, allowing for glazing tape to be used on both sides of the glazing material.

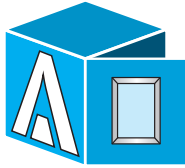
OPTIONAL FEATURES

- MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized (Zinc Plated).
- FINISH:** Custom Baked Enamel Colors (as per sample chip supplied)
- FASTENERS:** Special Security Screw Fasteners. See page 26, this section.
- SPECIALS:** Fractional sizes and other steel gauges (contact factory).

FIRE RATINGS

- SG-10-SP-SSD is not fire rated.**
- 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.

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LoPro™-SSD

LO-PROFILE
METAL VISION FRAME WITH
SECURITY SLIDING DOOR



UNDERWRITERS'
LABORATORIES

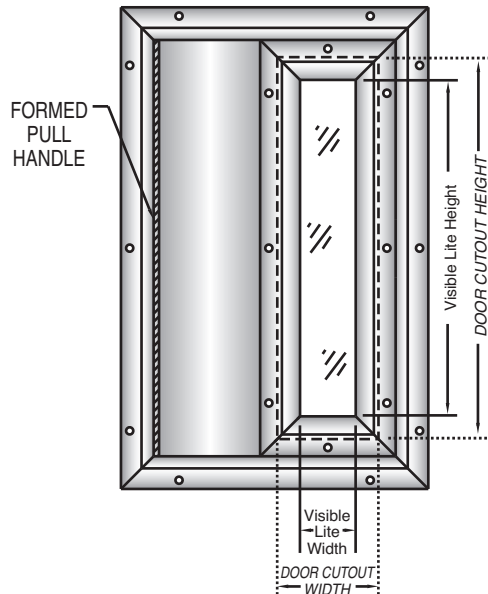
FIRE
RATINGS



WARNOCK
HERSEY

B.S.-476.22 British Standard

DETAIL DRAWING

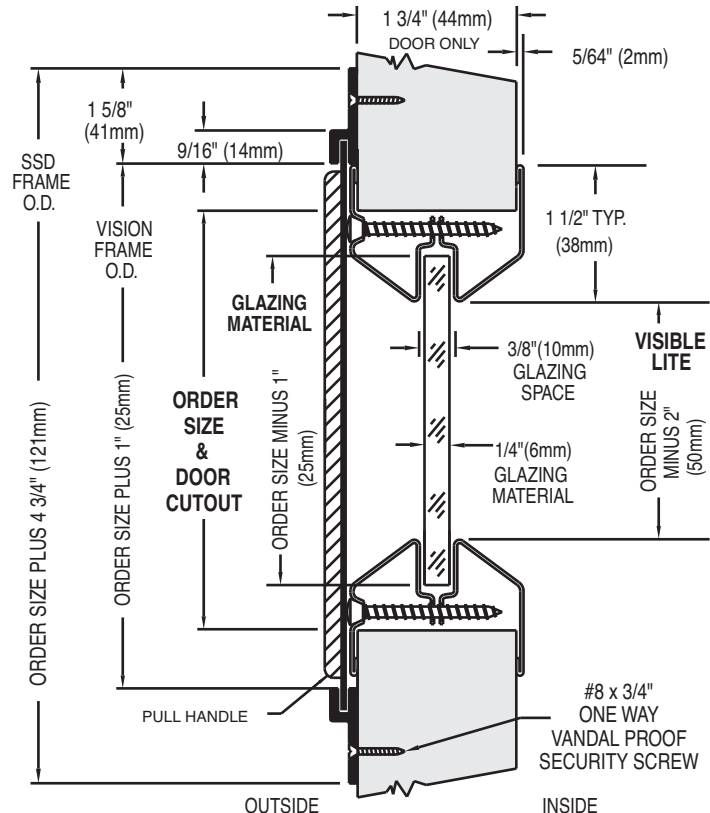


NOTE: Width O.D. DIMENSION of SSD portion will be double the width of actual Door Order / Cutout size plus 5-1/4". Height O.D. DIMENSION will be actual Door Order / Cut-out size plus 4-3/4". Please consider your door width when ordering.
EXAMPLE: 12"X12" Order/Cut-out size= 29-1/4"(12"+12"+5-1/4")x16-3/4"(12"+4-3/4")

RECOMMENDATION: Do Not make cutouts in door prior to receiving SSD products.

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

NOTE: Door slides from side to side.
Non-centered vision frame
cutout is generally required.



STANDARD PRODUCT FEATURES

- MATERIAL:** LoPro: 20 GA. (1mm) (C.R.S. Frame
SSD: 12 GA. (2.5mm) C.R.S. Frame and Sliding Door
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel
- INSTALLATION:** Uses 1-3/4" (44mm) one way vandal proof sheet metal screws that pass thru the door cut-out, and fastens to the opposite side of the vision frame, thus eliminating the need to drill the door for thru bolt and saving installation time and labor. Sliding door frame fits over vision frame, and installs with #8 x 3/4" one way vandal proof security screws.
- DOOR THICKNESS:** For 1-3/4" (44mm) Wood or Metal doors.
- GLAZING:** Should be 1/4" (6mm) or 3/16" (5mm) fire rated with U.L. and/or W.H.I. classification markings. Nominal glazing space of 3/8" (19mm) allows for glazing tape to be used on both sides of the glass (See Glass and Glazing section).
- 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). SSD - Zinc Plated Only.
- FINISH:** Custom Baked Enamel Colors (as per sample chip supplied).
- FASTENERS:** Special Security Screws Fasteners, See page 26, this section.
- SPECIALS:** Fractional sizes

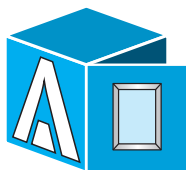
FIRE RATINGS (w/ U.L. & W.H.I. classification markings) Positive Pressure

- 20/45 MINUTE:** Approved listing at 1296 sq. in. (0.836 m²) visible lite.
max. width 54" (1372mm), max. height 54" (1372mm)
- 60/90 MINUTE:** Approved listing at 100 sq. in. (0.065 m²) visible lite.
max. width 10" (254mm), max. height 33" (838mm)

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

- IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area to determine appropriate standards.

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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

BR-7

BULLET AND IMPACT RESISTANT
METAL VISION FRAME



UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

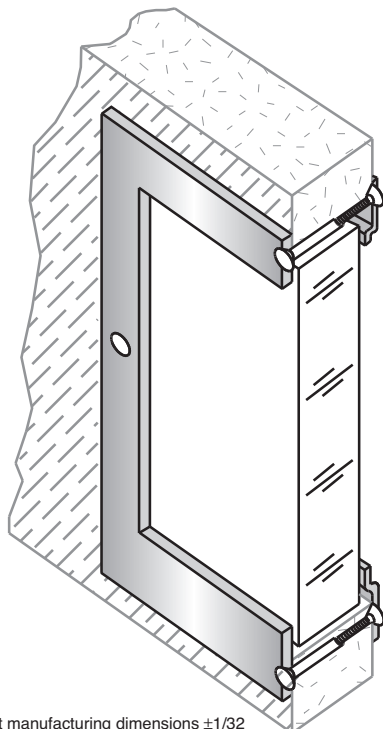


WARNOCK
HERSEY

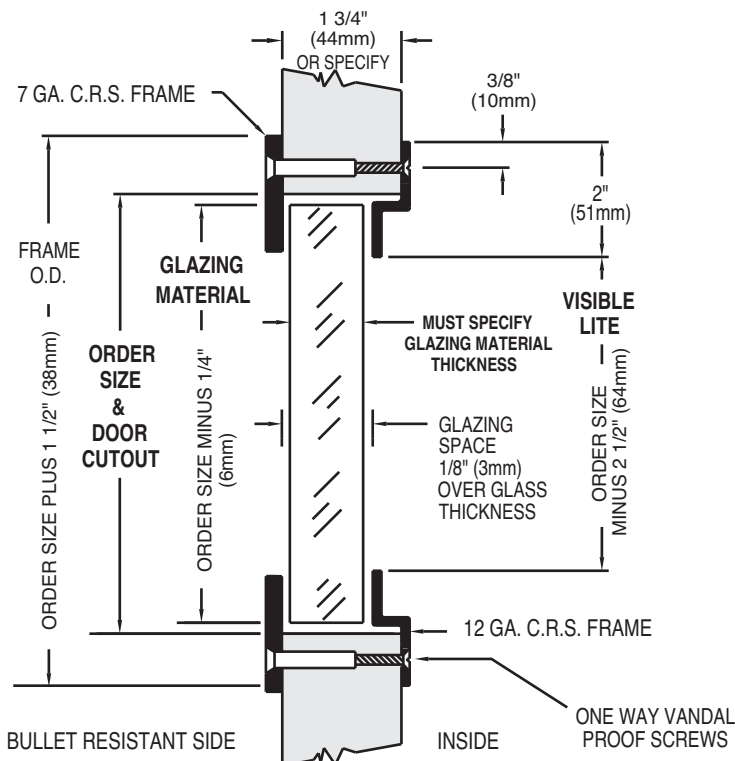
MEETS **ASTM F-1450-97** †

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:** 7 GA. (4.6mm) Cold Rolled Steel face plate frame.
Standard SG-10, 12 GA. (2.5mm) back plate frame.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- DOOR THICKNESS:** For 1 3/4" (44mm) (Std), or up to 2 1/4" (57mm) thick
- USES:** For areas where bullet resistance or protection from forced entry or attack is required.
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Both sides of the frame have countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts with a blank head on one side for improved security.
- GLAZING:** Thickness can range from 3/16" (5mm) up to 1 9/16" (40mm), depending on bullet resistance level, fire or attack standard required. Glazing space of 1/8" (3mm) over glazing material is standard, allowing for glazing tape to be used on both sides of the glazing material.
- 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, Galvanized (Hot Dipped or Zinc Plated).
- FINISH:** Custom Baked Enamel Colors (as per sample chip supplied).
- FASTENERS:** Special Security Screw Fasteners, See catalog page 26 this section.
- SPECIALS:** Fractional sizes, Glazing (1/4 to 1-9/16"), and Door thicknesses, up to 2 1/4".

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

- 20/45 MINUTE:** Approved listing at 1296 sq.in. (0.836 m²) visible lite max. width 54" (1372mm), max. height 54" (1372mm).
 - 60/90 MINUTE:** Approved listing at 100 sq.in. (0.065 m²) visible lite max. width 10" (254mm), max. height 33" (838mm).
 - 60*/90* MINUTE:** Approved listing at 1080 sq.in. (0.697 m²) visible lite max. width 35" (889mm), max. height 35" (889mm).
- *Must be used with 1-1/16" (27mm) or 1-9/16" (40mm) Pyrostop and fire listed glazing tape, and be used in an appropriately tested door assembly.

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

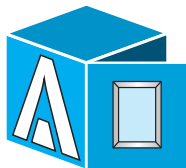
BULLET RESISTANCE, PHYSICAL ATTACK

- Bullet Resistance Test (Passed):** .44 Magnum and 12 Gauge Shotgun, UL 752-LVL-III.
- Impact Test (Passed):** Sledge Hammer attack portion of C.D.C. test requirements.

IMPACT RATINGS

† Tested in Compliance with **ASTM F-1450-97** Must use 1/4" x 20 Thru Bolt blank one side (not shown in drawing, see page 26 this section).

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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SG-12-LSC

HIGH SECURITY
METAL VISION FRAME WITH
LOCKING SECURITY COVER



UNDERWRITERS'
LABORATORIES

FIRE
RATINGS



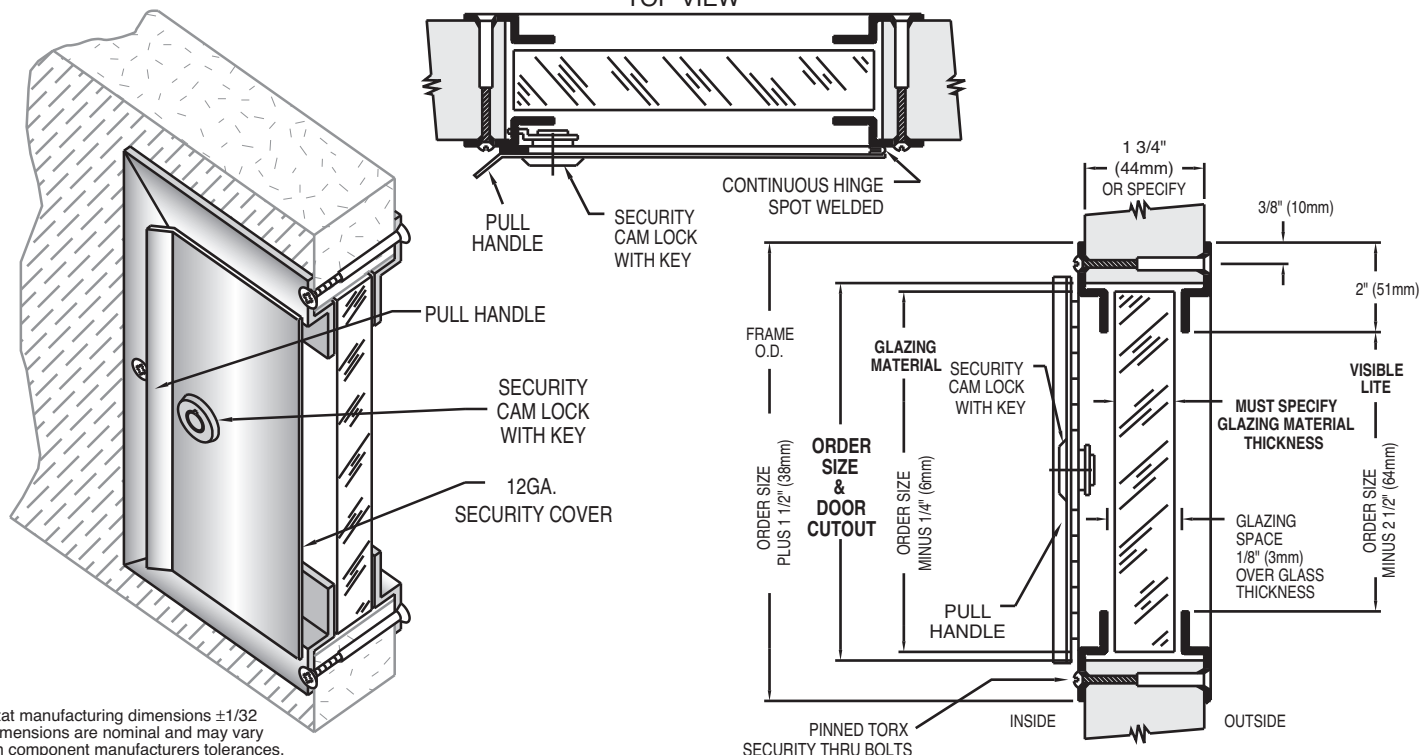
WARNOCK
HERSEY

MEETS **ASTM F-1450-97** †

B.S.-476.22 British Standard

DETAIL DRAWING

TOP VIEW



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

STANDARD PRODUCT FEATURES

- **MATERIAL:** 12 GA. (2.5mm) Cold Rolled Steel.
- **SECURITY COVER:** 12 GA. (2.5mm) C.R.S. operating panel spot welded with continuous hinge to one side of metal vision frame. Opens with a metal pull handle. Door is secured with a key operated cam lock.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel
- **INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door. Frame has countersunk mounting holes for #8x32 Pinned Torx security screw thru bolts with a blank head on one side for flush appearance.
- **DOOR THICKNESS:** For 1 3/4" (44mm) (std), or up to 2 1/4" (57mm) (specify).
- **GLAZING:** Thickness can range from 3/16" (5mm) up to 1 9/16" (40mm). Glazing space of 1/8" (3mm) over glass thickness is standard, allowing for glazing tape to be used on both sides of the glazing material.
- **IMPORTANT:** Interpretation of building and fire codes may vary. Consult with 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 (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 26, this section.
- **SPECIALS:** Fractional Sizes, Glass 3/16" to 1 9/16" and Door (up to 2 1/4").

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

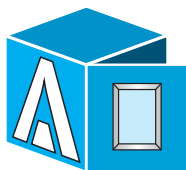
- **20/45/60* MINUTE:** Approved listing at 1296 sq. in. (0.836 m²) visible lite. max. width 54" (1372mm), max. height 54" (1372mm).
 - **60**/90** MINUTE:** Approved listing at 1080 sq. in. (0.697 m²) visible lite. max. width 35" (889mm), max. height 35" (889mm).
 - **60/90 MINUTE:** Approved listing at 100 sq. in. (0.065 m²) visible lite. max. width 10" (254mm), max. height 33" (838mm).
- *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.
- **Must be used with 7/8" (23mm) or 1-1/16" (27mm) Pyrostop and fire listed glazing tape, and be used in an appropriately tested door assembly.

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

IMPACT RATINGS

† Tested in Compliance with **ASTM F-1450-97** Must use 1/4" x 20 Thru Bolt blank one side (not shown in drawing, see page 26 this section).

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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

FGS-75-SC

METAL VISION FRAME

WITH

OPERATING

SECURITY COVER



UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

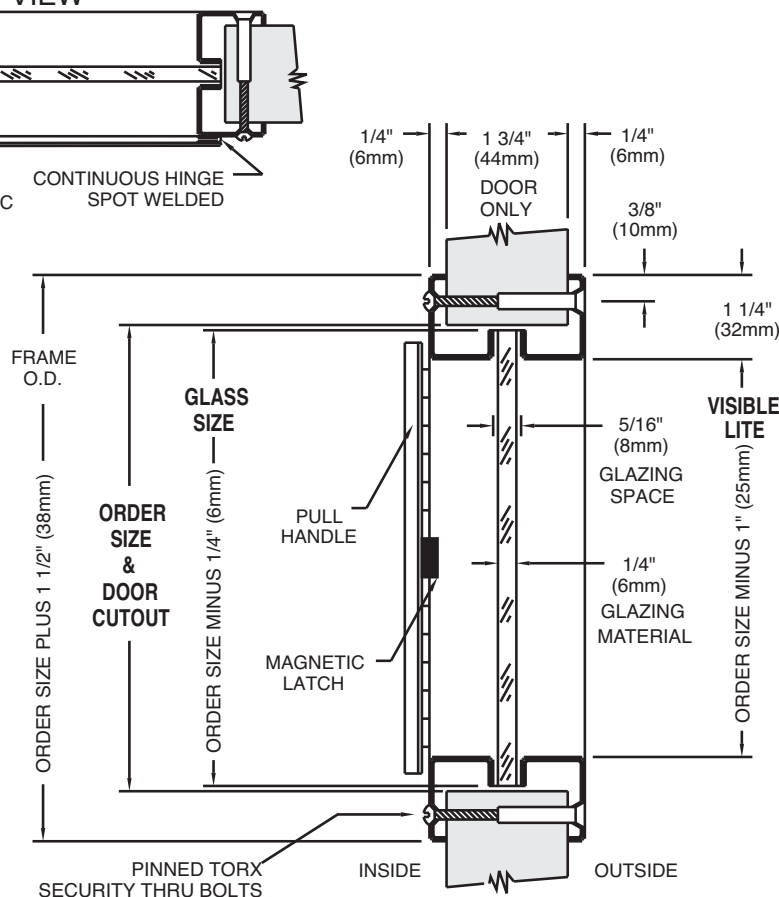
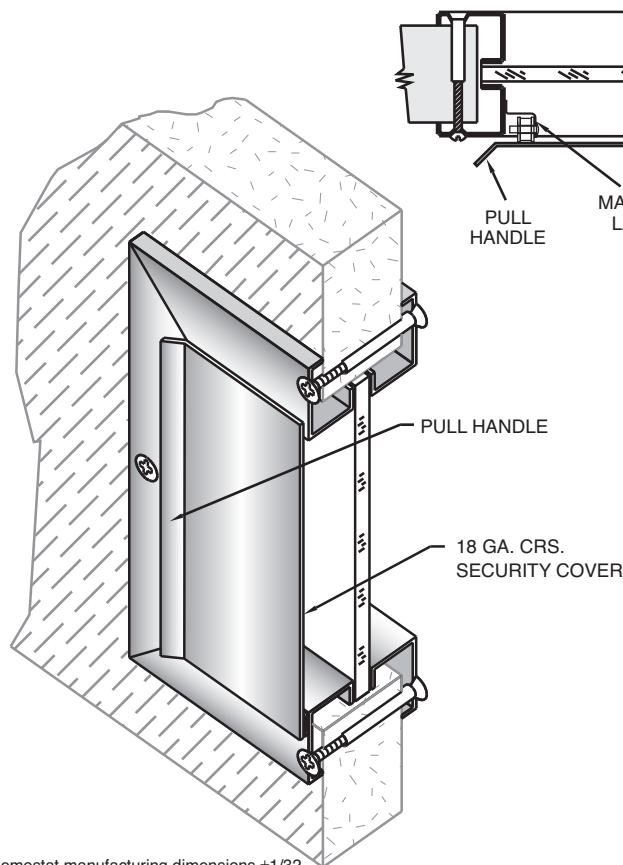


WARNOCK
HERSEY

B.S.-476.22 British Standard

DETAIL DRAWING

TOP VIEW



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

STANDARD PRODUCT FEATURES

- MATERIAL:** 18 GA. (1.25mm) Cold Rolled Steel.
- SECURITY COVER:** 18 GA. (1.25mm) C.R.S. operating panel spot welded with continuous hinge to one side of metal vision frame. Closes to a magnetic latch. Opens with a metal pull handle.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Frame has countersunk mounting holes for #8x32 Pinned Torx security screw thru bolts with a blank head on one side for flush appearance.
- DOOR THICKNESS:** For 1 3/4" (44mm) Wood and Metal Doors.
- GLAZING:** Should be 1/4" (6mm). Glazing space of 5/16" (8mm) allows for glazing tape to be used on both sides of the glass.
- 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 (Sheet, 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 26, this section.
- SPECIALS:** Fractional Sizes, Lead Lined for X-ray applications, for Glass or Door thickness (FGS-IS-SC).

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

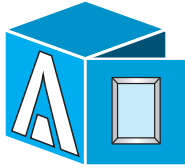
- 20/45/60*90*** MINUTE: Approved listing at 1296 sq.in. (0.836 m²) visible lite max. width 54" (1372mm), max. height 54" (1372mm).

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

- NOTE:** For exterior use, High Humidity or Salt Air application, product must be Galvanized or Stainless Steel.

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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

FGS-75-LSC

METAL VISION FRAME
WITH
LOCKING SECURITY COVER



UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

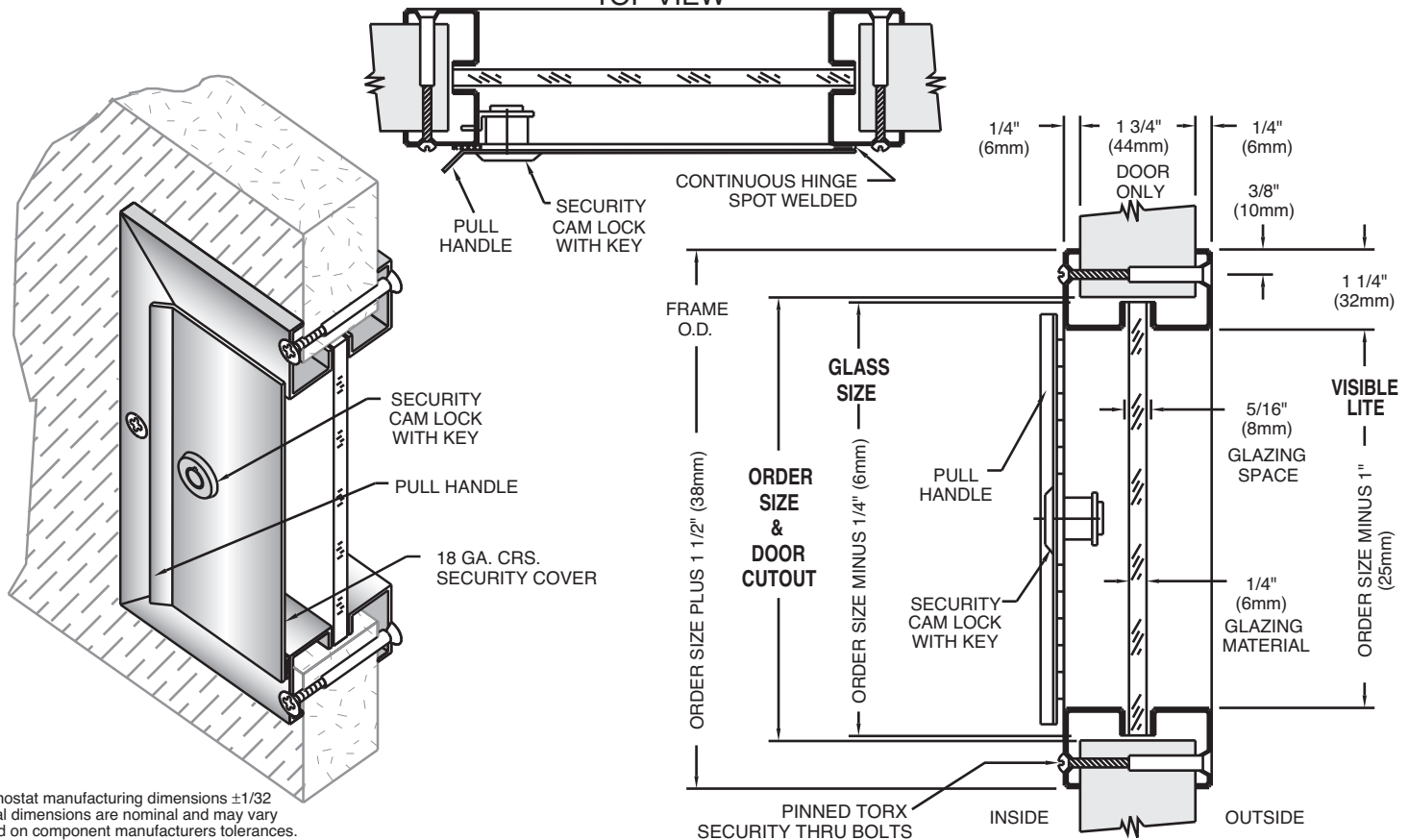


WARNOCK
HERSEY

B.S.-476.22 British Standard

DETAIL DRAWING

TOP VIEW



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

STANDARD PRODUCT FEATURES

- **MATERIAL:** 18 GA. (1.25mm) Cold Rolled Steel.
- **SECURITY COVER:** 18 GA. (1.25mm) C.R.S. operating panel spot welded with continuous hinge to one side of metal vision frame. Door is secured with key operated cam lock. Opens with a metal pull handle.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel
- **INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door. Frame has countersunk mounting holes for #8x32 Pinned Torx security screw thru bolts with a blank head on one side for flush appearance.
- **DOOR THICKNESS:** For 1 3/4" (44mm) Wood or Metal Doors.
- **GLAZING:** Should be 3/16" (5mm) to 1/4" (6mm) only. Glazing space of 5/16" (8mm) allows for glazing tape to be used on both sides of the glass.
- **IMPORTANT:** Interpretation of building and fire codes may vary. Consult with local authority having jurisdiction in your area, to determine appropriate standards.

OPTIONAL FEATURES

- **MATERIAL:** #304 or #316 Stainless Steel, #4 Finish(Satin), Galvanized (Sheet, 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 26, this section.
- **SPECIALS:** Fractional Sizes, Lead Lined for X-Ray applications, For other Glass or Door thickness (FGS-IS-LSC).

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

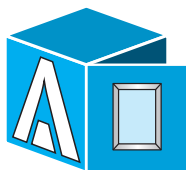
- **20/45/60*/90* MINUTE:** Approved listing at 1296 sq. in. (0.836 m²) visible lite. max. width 54" (1372mm), max. height 54" (1372mm)

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

- **NOTE:** For Exterior use, High Humidity or Salt Air application, product must be Galvanized or Stainless Steel.

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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LoPro™-SC

METAL VISION FRAME
WITH
OPERATING
SECURITY COVER



UNDERWRITERS'
LABORATORIES

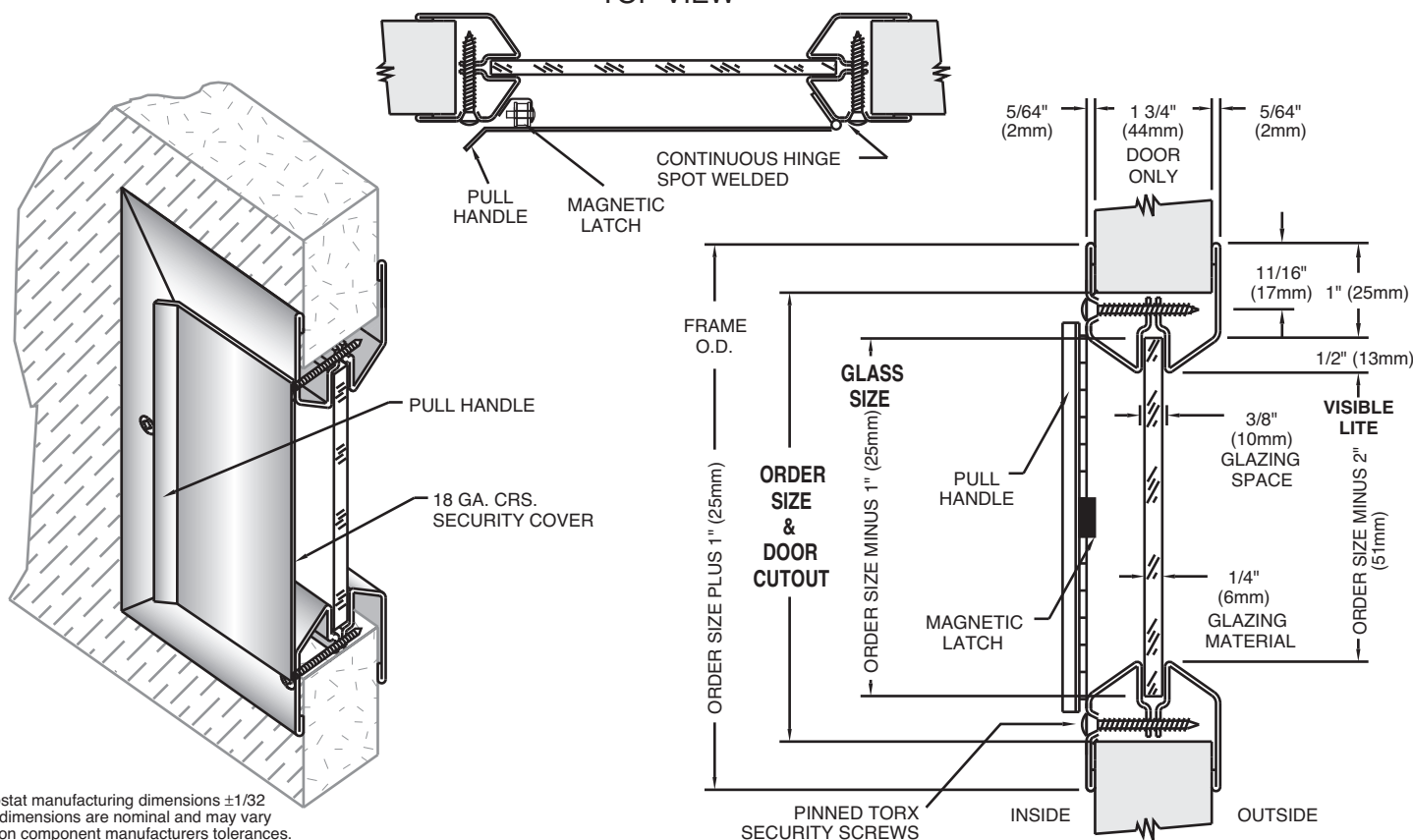
FIRE
RATINGS



WARNOCK
HERSEY

DETAIL DRAWING

TOP VIEW



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

STANDARD PRODUCT FEATURES

- **MATERIAL:** LoPro is: 20 GA. (1mm) C.R.S.
Operating Security Cover: 18 GA. (1.25mm) C.R.S.
- **SECURITY COVER:** 18 GA. (1.25mm) C.R.S. operating panel spot welded with continuous hinge to one side of metal vision frame. Closes to a magnetic latch. Opens with a metal pull handle.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- **INSTALLATION:** Vision Frame (LoPro) uses 1 3/4" (44mm) Pinned Torx security 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.
- **DOOR THICKNESS:** For 1 3/4" (44mm) Wood or Metal Door.
- **GLAZING:** Should be 1/4" (6mm), 3/16" (5mm) or 5/16" (8mm) glazing material. Nominal glazing space of 3/8" (10mm) allows for glazing tape to be used on both sides of the glass. (See Glass and Glazing Materials section)
- **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, Galvanized (Coil, 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 Screws, See page 26, this section.
- **SPECIALS:** Fractional sizes.

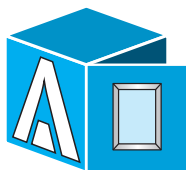
FIRE RATINGS (w/ U.L. & W.H.I. classification markings) Positive Pressure

- **20/45/60*/90* MINUTE:** Approved listing at 1296 sq. in. (0.836 m²) visible lite. max. width 54" (1372mm), max. height 54" (1372mm)
- **3 HOUR:*** Approved listing at 100 sq. in. visible lite. max. width 12" (305mm), max. height 33" (838mm)

*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.

- **IMPORTANT:** Interpretation of building codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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

LoPro™-GR

LO-PROFILE
METAL VISION FRAME WITH
SECURITY GRILLE ONE SIDE



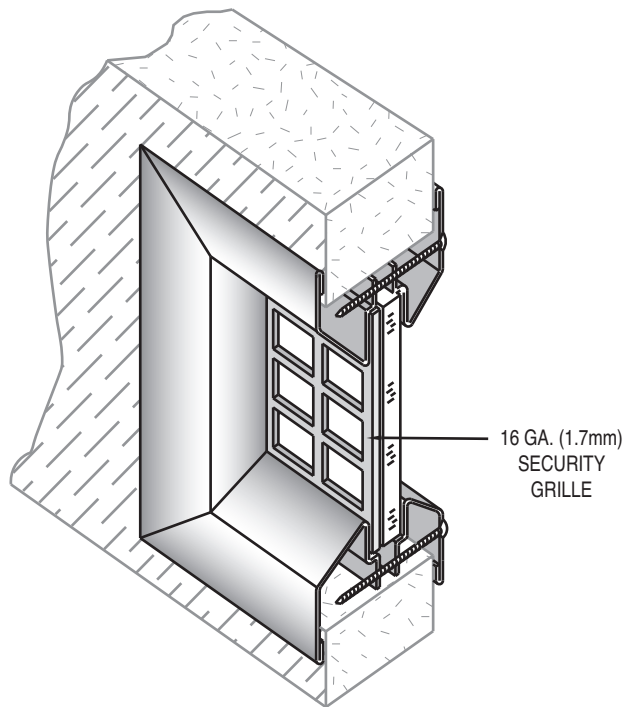
UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

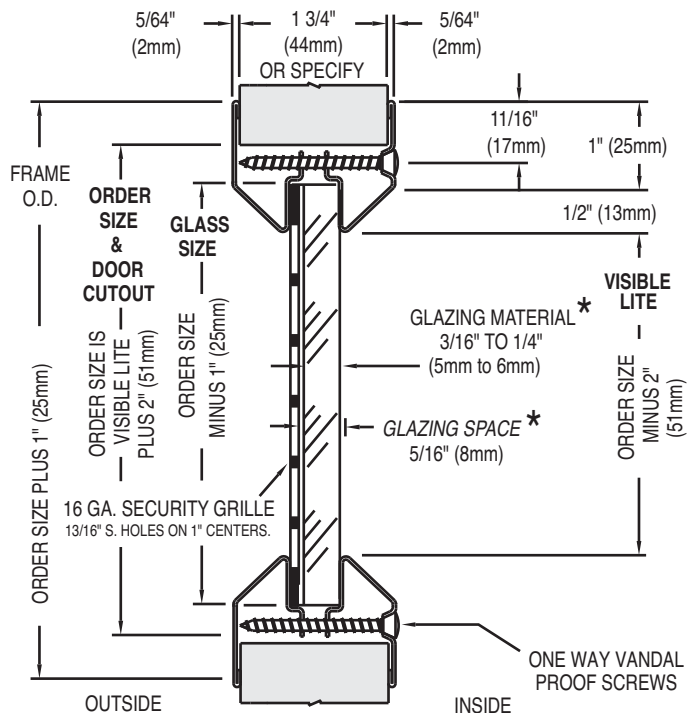


WARNOCK
HERSEY

DETAIL DRAWING



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



* GLAZING SPACE and THICKNESS of GLAZING TAPE or COMPOUND USED WILL
VARY BASED on GLAZING MATERIAL THICKNESS

STANDARD PRODUCT FEATURES

- **MATERIAL:** 20 GA. (1mm) Cold Rolled Steel with 16 GA. grille welded to frame.
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- **INSTALLATION:** Uses 1 3/4" (44mm) one way vandal proof security 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:** Specified by customer, 1 3/4" (44mm) is standard.
- **AESTHETICS:** Tight mitered corners, beveled glass stop and a low profile to provide a clean, tapered look.
- *** GLAZING:** Tolerance variances in door or glass thickness and type of glazing tape used will affect glazing space, as related to nominal glass dimensions and vision frame used (see Glass and Glazing Materials Section).
- **IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

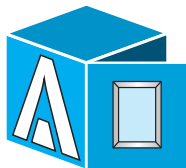
OPTIONAL FEATURES

- **MATERIAL:** #304 or #316 Stainless Steel, #4 Finish(Satin), Galvanized (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 26, this section.
- **SPECIALS:** Fractional Sizes. For Special Glass Thickness (LoPro™-IS-GR) up to 3/4" (19mm)

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

- **20/45/60*90* MINUTE:** Approved listing at 1296 sq. (0.836 m²) in. visible lite. max. width 54" (1372mm), max. height 54" (1372mm)
- **3 HOUR*:** Approved listing at 100 sq. in. (0.065 m²) visible lite. max. width 12" (305mm), max. height 33" (838mm)
- ***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.**
- **NOTE:** For Exterior use, High Humidity or Salt Air application, product must be Galvanized or Stainless Steel.

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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

LoPro™-SC-GR

LO-PROFILE

METAL VISION FRAME WITH
SECURITY GRILLE ONE SIDE AND
OPERATING SECURITY COVER



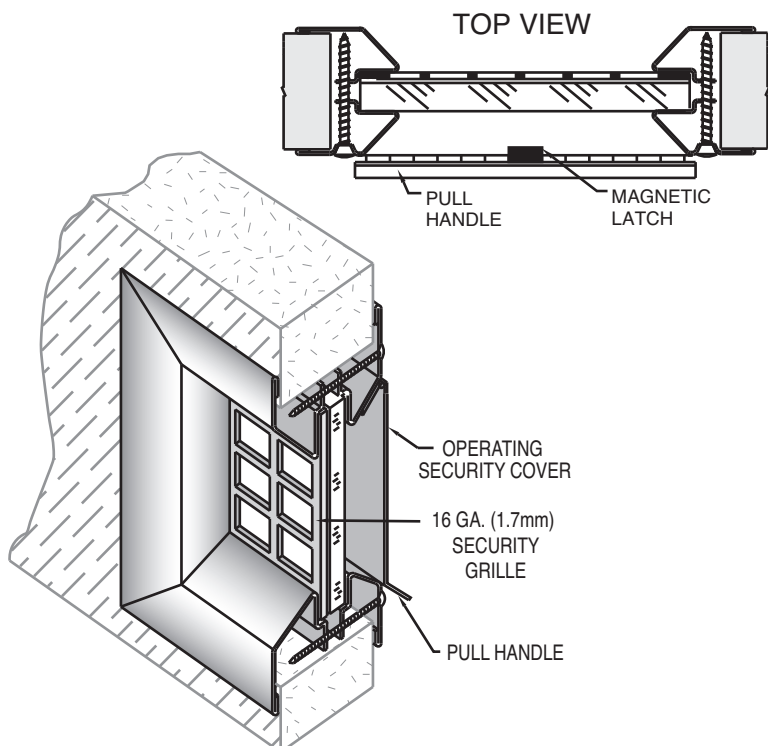
UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

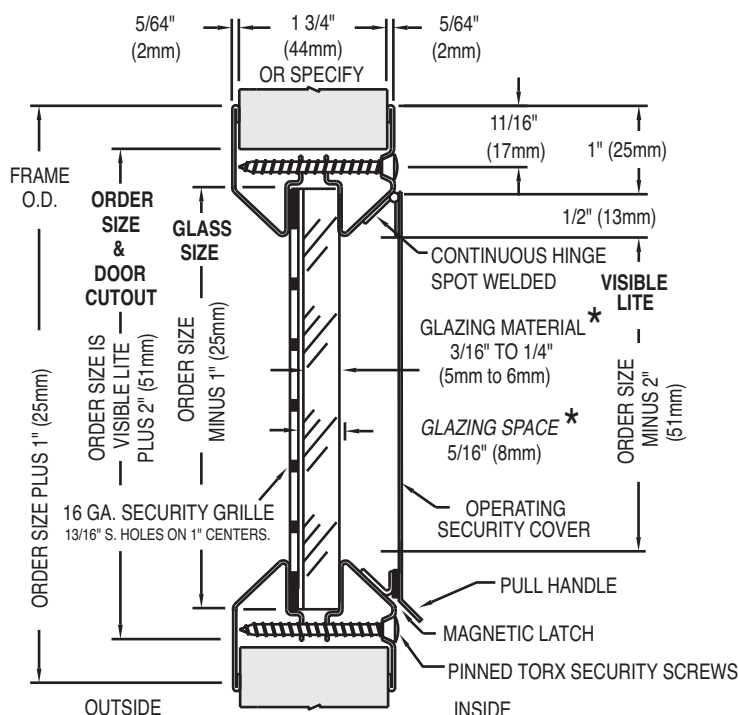


WARNOCK
HERSEY

DETAIL DRAWING



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



*GLAZING SPACE and THICKNESS of GLAZING TAPE or COMPOUND USED WILL
VARY BASED ON GLAZING MATERIAL THICKNESS

STANDARD PRODUCT FEATURES

- **MATERIAL:** 20 GA. (1mm) Cold Rolled Steel with 16 GA. grille welded to frame.
- **SECURITY COVER:** 16 GA. (1.7mm) C.R.S. operating panel spot welded with continuous hinge to one side of metal vision frame. Closes to a magnetic latch. Opens with a metal pull handle.
- **FINISH:** Grey Primer, Beige, or Bronze Baked Enamel.
- **INSTALLATION:** Uses 1 3/4" (44mm) Pinned Torx security 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:** Specified by customer, 1 3/4" (44mm) is standard.
- **AESTHETICS:** Tight mitered corners, beveled glass stop and a low profile to provide a clean, tapered look.
- **GLAZING:** Tolerance variances in door or glass thickness and type of glazing tape used will affect glazing space, as related to nominal glass dimensions and vision frame used (see Glass and Glazing Materials Section).
- **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 (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 26, this section.
- **SPECIALS:** Fractional Sizes. For Special Glass Thickness (LoPro™-IS-SC-GR) up to 3/4" (19mm)

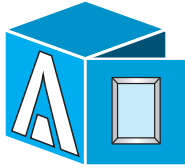
FIRE RATINGS (w/ U.L. & W.H.I. classification markings) Positive Pressure

- **20/45/60* MINUTE:** Approved listing at 1296 sq. (0.836 m²) in. visible lite. max. width 54" (1372mm), max. height 54" (1372mm)
- **3 HOUR*:** Approved listing at 100 sq. in. (0.065 m²) visible lite. max. width 12" (305mm), max. height 33" (838mm)

*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.

- **NOTE:** For Exterior use, High Humidity or Salt Air application, product must be Galvanized or Stainless Steel.

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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

SL-IS

METAL VISION FRAME
WITH SECURITY GRILLE FOR
STANDARD/SPECIAL DOOR OR
GLASS THICKNESS



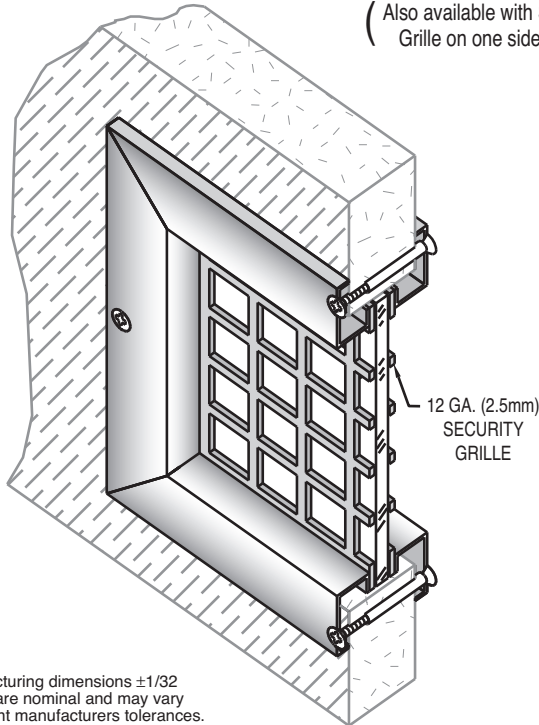
UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

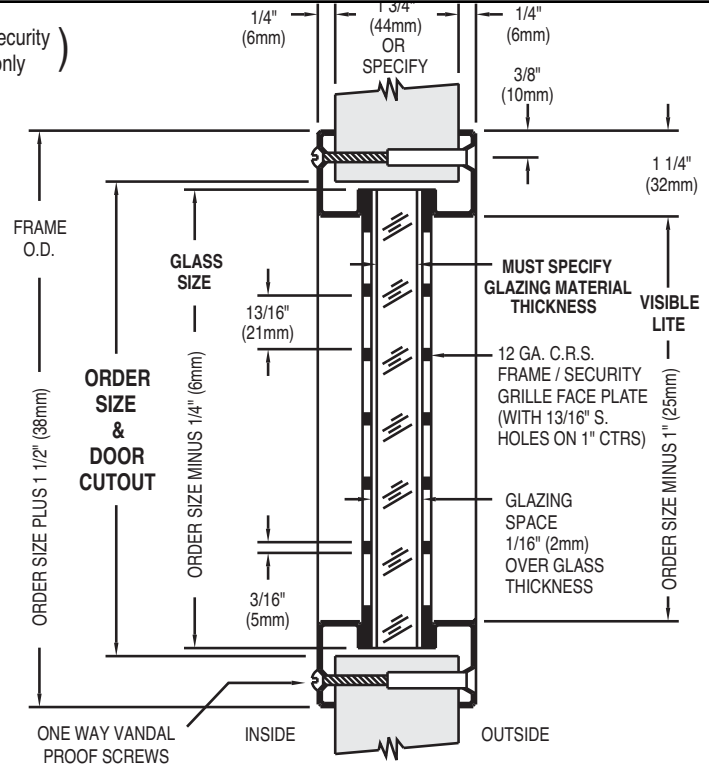


WARNOCK
HERSEY

DETAIL DRAWING



(Also available with Security
Grille on one side only)



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

STANDARD PRODUCT FEATURES

- MATERIAL:** 18 GA. (1.25mm) Cold Rolled Steel Frame, with 12 GA. (2.5mm) Cold Rolled Steel Security Grille, 13/16" (21mm) square Holes on 1" (25mm) centers.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Frame has countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts with a blank head on one side for flush appearance.
- DOOR THICKNESS:** 1 3/4" (44mm) (std), or up to 2 1/4" (57mm) (specify).
- GLAZING:** Thickness can range from over 3/16" (5mm) and up to 1 9/16" (40mm). Glazing space of 1/16" (1.6mm) over glass thickness is standard, allowing for glazing tape to be used on both sides of the glass.
- USES:** For use where visible lite is required, but security on one or both sides of the glass is necessary.
- NOTE:** For Exterior use, High Humidity or Salt Air application, product must be Galvanized or Stainless Steel.

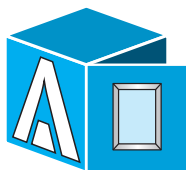
OPTIONAL FEATURES

- MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized Hot Dipped or Zinc Plated). Not available in Galvanized Sheet.
- 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 26, this section.
- SPECIALS:** Fractional Sizes, Lead Lined for X-ray applications. Special Glass or Door Thickness.

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

- 20/45/60* MINUTE:** Approved listing at 1296 sq. in. (0.836 m²) visible lite. max. width 54" (1372mm), max. height 54" (1372mm).
- 60**/90** MINUTE:** Approved listing at 1080 sq. in. (0.697 m²) visible lite. max. width 35" (889mm), max. height 35" (889mm).
- 60/90 MINUTE:** Approved listing at 100 sq. in. (0.065 m²) visible lite. max. width 10" (254mm), max. height 33" (838mm).
- *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.
- **Must be used with 7/8" (23mm) or 1-1/16" (27mm) Pyrostop and fire listed glazing tape, and be used in an appropriately tested door assembly.
- IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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FGS-MS-FR

METAL VISION FRAME
IMPACT AND SECURITY
RESISTANT



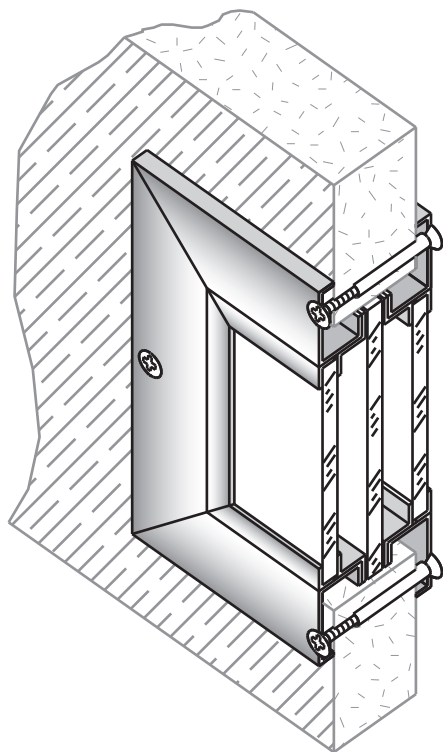
UNDERWRITERS'
LABORATORIES

FIRE
RATINGS

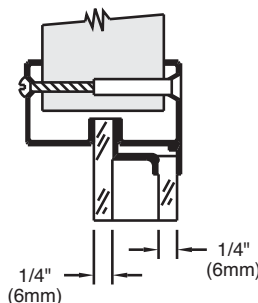


WARNOCK
HERSEY

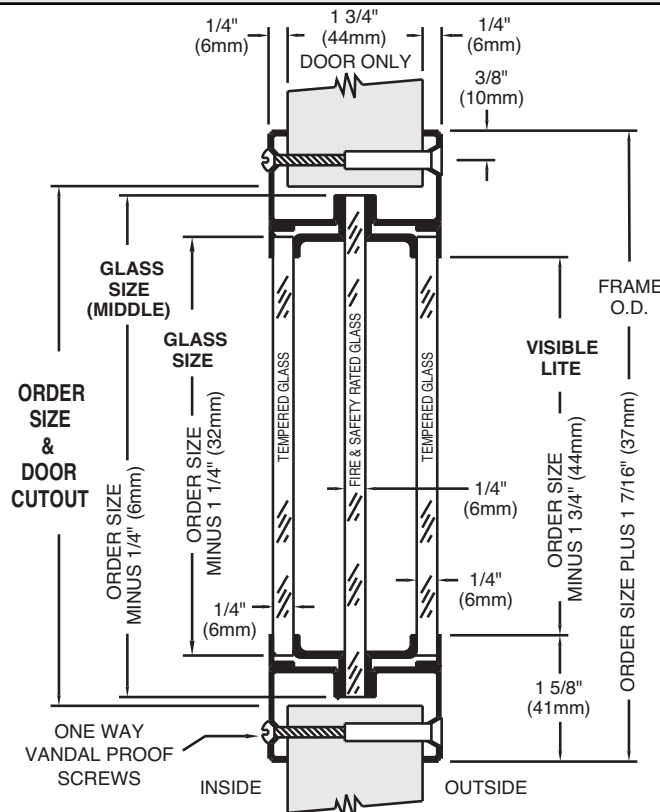
DETAIL DRAWING



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



FGS-MS5-FR



FGS-MS3-FR

STANDARD PRODUCT FEATURES

- **MATERIAL:** 18 GA. (1.25mm) Cold Rolled Steel Frame
- **FINISH:** Grey Primer, Beige or Bronze Baked Enamel
- **INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Frame has countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts with a blank head on one side for flush appearance.
- **DOOR THICKNESS:** For 1 3/4" (44mm) Wood or Metal Doors.
- **GLAZING:** Incorporates use of 1/4" (6mm) SAFE-Wire™ glass or 3/16" (5mm) FireLite® NT with 1/4" (6mm) tempered glass on the inside and/or outside of the security installation (must be purchased with frame).
- **USES:** Where impact and fire ratings are both required. Medium security installations such as psychiatric hospitals.
- **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 (Coil, Hot Dipped, or Zinc Plated)
- **FINISH:** Custom Baked Enamel (as per sample chip supplied). Plated finishes to match the lock, hinges and closer.
- **FASTENERS:** Special Security Screw Fasteners, see page 26 this section.
- **SPECIALS:** Fractional sizes, Lead Lined for X-ray applications. Glass or Door Thickness (See SL-IS, SG-10 or FGS-IS). For Lead Lined and Fire Rated, FGS-MS-5 must be used. Lead and Fire Rated Glass must be supplied with FGS-MS-5 to maintain fire ratings.

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

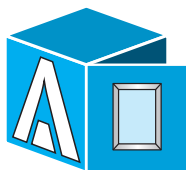
- **20/45/60*/90* MINUTE:** Approved listing at 1296 sq. in. (0.836 m²) visible lite. max. width 54" (1372mm), max. height 54" (1372mm).
- **60/90 MINUTE:** Approved listing at 100 sq. in. (0.065 m²) visible lite. max. width 10" (254mm), max. height 33" (838mm).

*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.

IMPACT / SAFETY RATINGS

Meets ANSI Z97.1 and CPSC 16CFR-1201 (Cat. I and II)

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat

Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

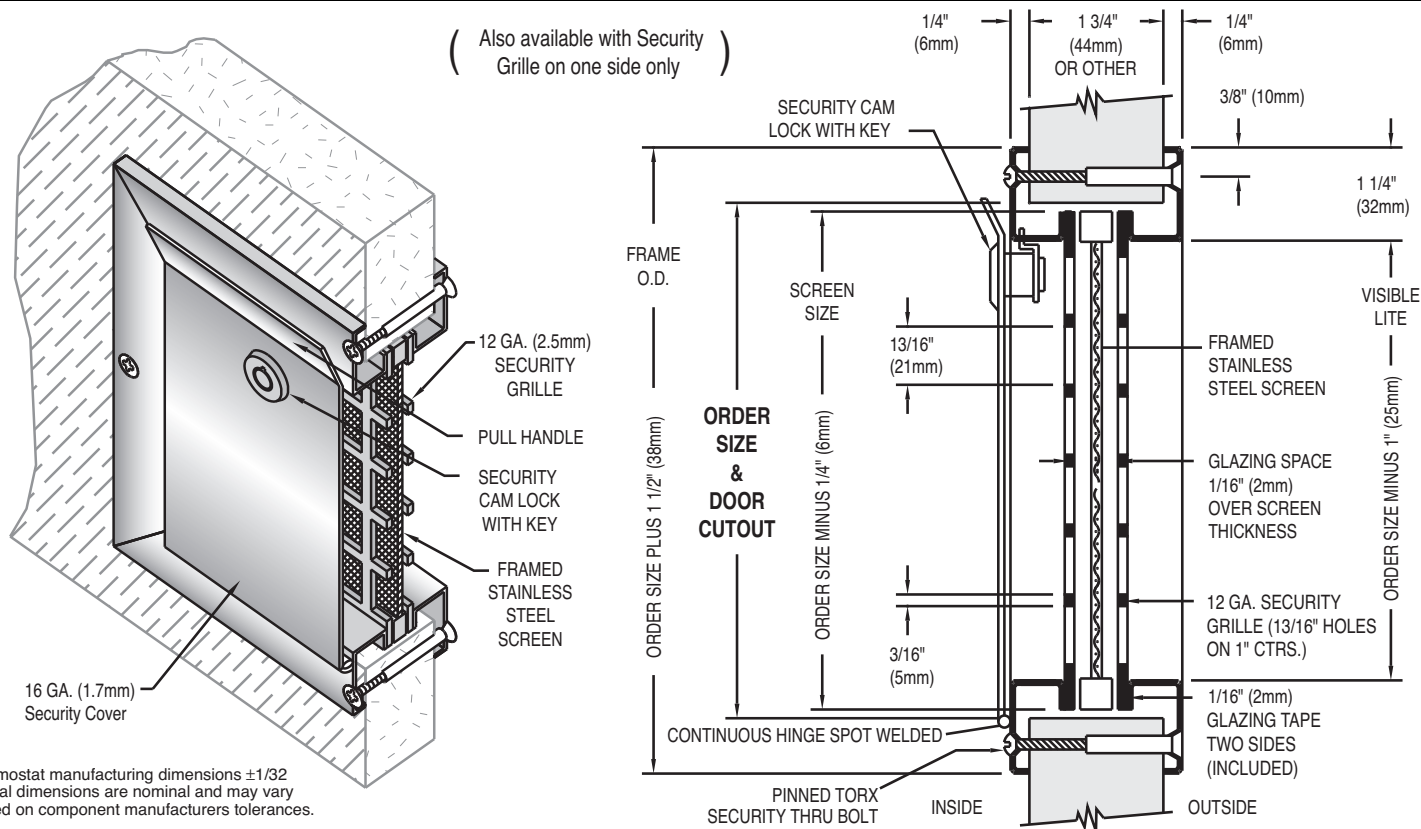
e-mail: door@anemostat.com • website: www.anemostat.com

SL-FS-LSC

METAL VISION FRAME
WITH
STAINLESS STEEL SCREEN
AND
SECURITY GRILLE TWO SIDES
PLUS LOCKING
SECURITY COVER

NOT FIRE RATED

DETAIL DRAWING



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

STANDARD PRODUCT FEATURES

- MATERIAL:** Frame is 18 GA (1.25mm) CRS with 12 GA (2.5mm) CRS Security Grille two sides, 13/16" (21mm) square holes on 1" (25mm) centers welded to each side of vision frame.
- SECURITY COVER:** 16 GA (1.7mm) CRS operating panel, spot welded with continuous hinge to one side of the metal vision frame. Closes with a key operated cam lock.
- SCREEN:** Framed screen incorporates #304 stainless steel screen wire, .009" (.228mm) thick, using a 18-18 mesh to restrict penetration from insects. Screen material is installed into a .020" (.508mm) thick mill finished aluminum frame.
- GLAZING TAPE:** Framed screen is held in place with glazing tape on both sides, sandwiched between the security grilles using 1/16" thick, closed cell polyvinyl chloride foam tape sealant with pressure sensitive adhesive two sides.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Vision frame has countersunk mounting holes for #8x32 Pinned Torx security screw thru bolts with a blank head on one side for flush appearance.
- DOOR THICKNESS:** Specified by customer, 1 3/4" (44mm) is standard).
- USES:** For use where ventilation is required, but security on one or both sides of the screen is necessary, i.e. kitchen doors in schools or restaurants.

OPTIONAL FEATURES

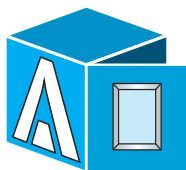
- MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized (Hot Dipped or Zinc Plated). Not available in Galvanized Coil.
- FINISH:** Custom Baked Enamel Colors (as per sample chip supplied). Plated Finishes to match the lock, hinges and closer.
- FASTENERS:** Special Security Screw Fasteners. See page 26, this section.
- SPECIALS:** Fractional Sizes, Gauge.

FIRE RATINGS

- SL-FS-LSC is not fire rated.**

- 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.

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat

Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

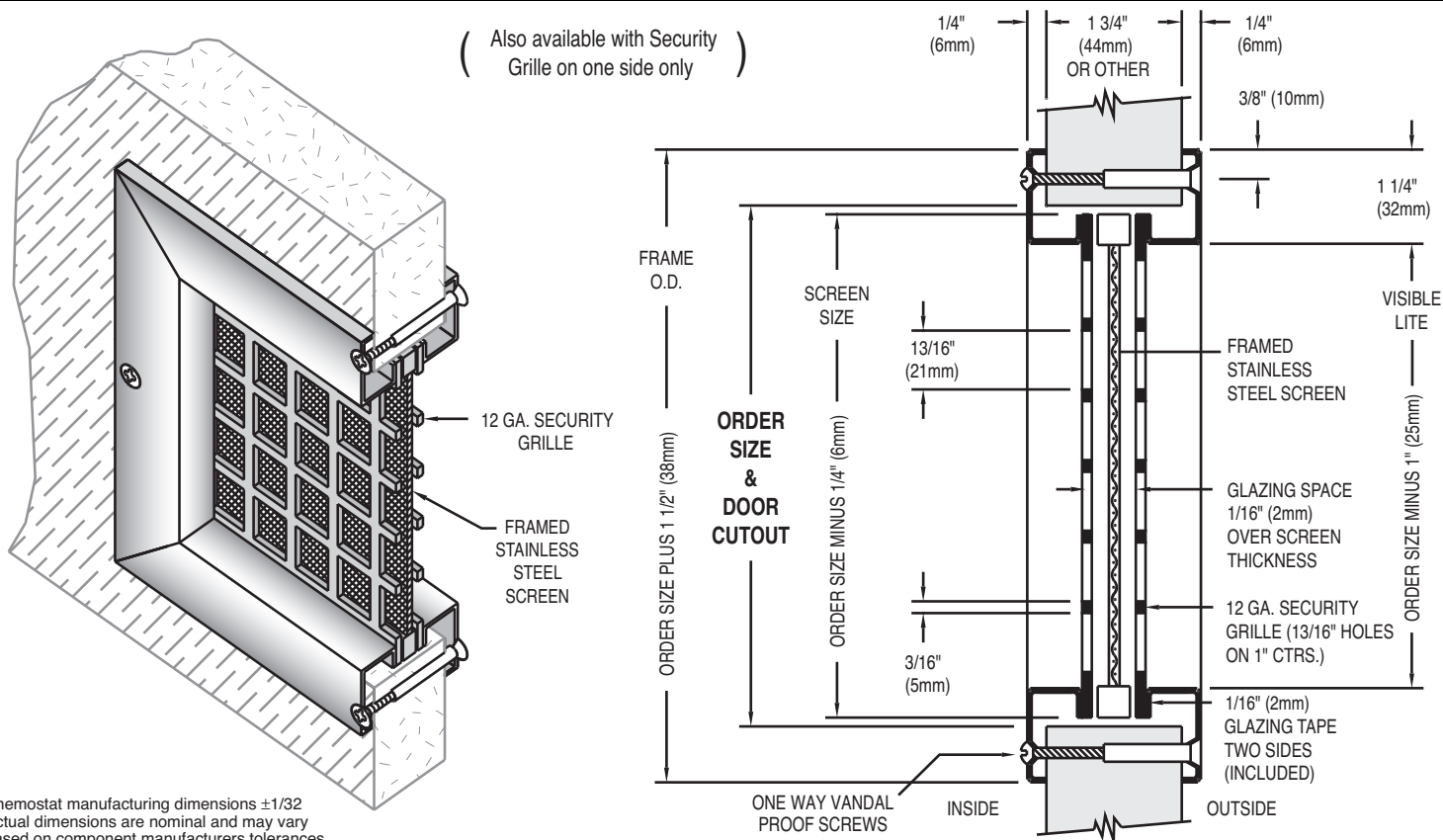
e-mail: door@anemostat.com • website: www.anemostat.com

SL-FS

METAL VISION FRAME
WITH
STAINLESS STEEL SCREEN
AND
SECURITY GRILLE TWO SIDES

NOT FIRE RATED

DETAIL DRAWING



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

STANDARD PRODUCT FEATURES

- MATERIAL:** Frame is 18 GA (1.25mm) CRS with 12 GA (2.5mm) CRS Security Grille two sides, 13/16" (21mm) square holes on 1" (25mm) centers welded to each side of vision frame.
- SCREEN:** Framed screen incorporates #304 stainless steel screen wire, .009" (.228mm) thick, using a 18-18 mesh to restrict penetration from insects. Screen material is installed into a .020" (.508mm) thick mill finished aluminum frame.
- GLAZING TAPE:** Framed screen is held in place with glazing tape on both sides, sandwiched between the security grilles using 1/16" (1.6mm) thick, closed cell polyvinyl chloride foam tape sealant with pressure sensitive adhesive two sides.
- FINISH:** Grey Primer, Beige or Bronze Baked Enamel.
- INSTALLATION:** By drilling 1/4" (6mm) holes thru the door, around the perimeter of the door cutout. Vision frame has countersunk mounting holes for #8x32 one way vandal proof security screw thru bolts with a blank head on one side for flush appearance.
- DOOR THICKNESS:** Specified by customer, 1 3/4" (44mm) is standard.
- USES:** For use where ventilation is required, but security on one or both sides of the screen is necessary, i.e. kitchen doors in schools or restaurants.
- NOTE:** For Exterior use, High Humidity or Salt Air application, product must be Galvanized or Stainless Steel.

OPTIONAL FEATURES

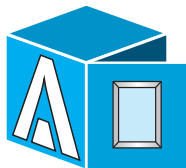
- MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized (Hot Dipped or Zinc Plated). Not available in Galvanized Coil.
- FINISH:** Custom Baked Enamel Colors (as per sample chip supplied). Plated Finishes to match the lock, hinges and closer.
- FASTENERS:** Special Security Screw Fasteners. See page 26, this section.
- SPECIALS:** Fractional Sizes, Security cover, Gauge.

FIRE RATINGS

- SL-FS is not fire rated.**

- IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

Job Name & Location	Submitted by



TECHNICAL DATA

FROM

Anemostat Door Products

4958 Stout Dr. #119, San Antonio, TX 78219

PH: 210.662.6300 • FAX: 210.662.2828

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

FASTENERS

FOR
SECURITY VISION FRAMES
AND
SECURITY DOOR LOUVERS

DETAIL DRAWING

STANDARD

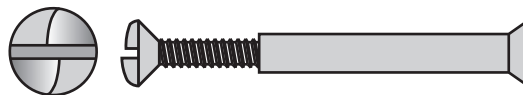


ONE WAY VANDAL
PROOF SECURITY SCREW

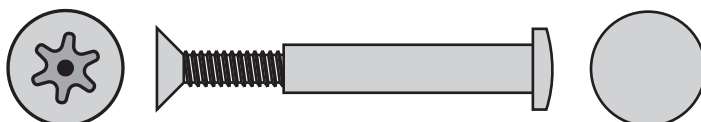
#8X1" USED FOR: DSFP, FLDL-UL-SG1, FLDL-UL-SG2

#8X3/4" USED FOR: SG-10-SSD, SSD

#8X1-3/4" USED FOR: LoPro-SC, LoPro-GR, LoPro-SC-GR, LoPro-SSD



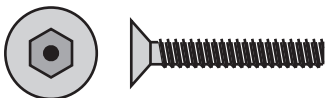
#8X32 THRU BOLT, BLANK ONE END
USED FOR ALL MODELS: SG-10, SG-12,
SL-IS, FGS, PLSL AND BR-7



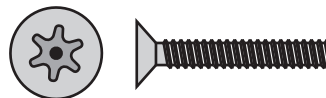
1/4"X20 THRU BOLT BLANK ONE END-MEETS ASTM F-1450-97
(MUST SPECIFY): SG-10, BR-7, SG-12-SP, SG-10-SP, SG-12-LSC

OPTIONAL SECURITY FASTENERS*

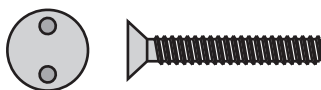
(Available on all Security Products)



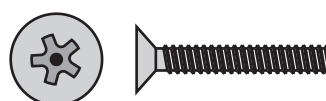
PINNED FLAT HEAD CAP SCREW
(TAMPER RESISTANT HEX SOCKET)



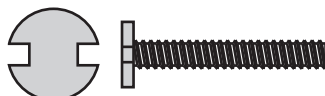
TORX FLAT HEAD SOCKET
SECURITY SCREW



SNAKE EYE SPANNER
FLAT HEAD SECURITY SCREW
(DRILLED SPANNER)



TORX-PLUS FLAT HEAD
SECURITY SCREW
(ONLY AVAILABLE ON
CERTAIN APPLICATIONS)



NOTCHED SPANNER
HEAD SCREW

*Screwdrivers and insert bits for Security Fasteners are available.
Consult Factory for Price and Availability.

Job Name & Location	Submitted by