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**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:** Special Security Screw Fasteners, See Page 26, this section.

Plated Finishes to match the lock, hinges and closer.

**FINISH:** Custom Baked Enamel Colors (as per sample chip supplied).

**MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized (Zinc Plated).

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

**DOOR THICKNESS:** 1 3/4" (44mm) (std), or up to 2 1/4" (57mm) (specify).

**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.

**FINISH:** Grey Primer, Beige or Bronze Baked Enamel.

**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.

**ORDER SIZE & DOOR CUTOUT**

ORDER SIZE MINUS 1/4" (6mm)

ORDER SIZE PLUS 1/12" (3mm)

**GLAZING MATERIAL**

**VISIBLE LITE**

**FRAME O.D.**

**GLAZING SPACE**

1/8" (3mm) over glass thickness 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.

**USAGES:** 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 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** Timber Doors - 30 min. and 1 hour.  
Steel Doors - 2 hours (4 hours actual).
SG-12-SP
SECURITY VISION FRAME
WITH SPEAK PORT

NOT FIRE RATED

MEETS ASTM F-1450-97†

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

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

SG-12-SP
SECURITY VISION FRAME
WITH SPEAK PORT

NOT FIRE RATED

MEETS ASTM F-1450-97†

Anemostat manufacturing dimensions ±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 1/16" (8mm) 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.

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

**SG-12-LCP**
SECURITY VISION FRAME
WITH LOCKING
CUFF PORT / FOOD PASS

**NOT FIRE RATED**

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**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.

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**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).
- **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

---

*For Most Current Info, Consult Factory or check our website, www.anemostat.com*
Anemostat manufacturing dimensions ±1/32
Actual dimensions are nominal and may vary
based on component manufacturer's tolerances.

**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

SG-10-SP

HIGH SECURITY VISION FRAME

WITH

DOUBLE SPEAK PORT

(WITH BAFFLE)

NOT FIRE RATED

MEETS ASTM F-1450-97†

**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 RATING**

SG-10-SP is not fire rated

**IMPACT RATING**

† 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.
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

SG-10-RSP
HIGH SECURITY VISION FRAME
WITH
REMOVABLE DOUBLE SPEAK PORT

NOT FIRE RATED

DETAIL DRAWING

Anemostat manufacturing dimensions ±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 removable 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 screws 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.
**TECHNICAL DATA**

**FASTENERS:**
Special Security Screw Fasteners, See page 27, this section.

**SPECIALS:**
Fractional sizes and other steel gauges (contact factory).

**MATERIAL:**
#304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized

**FINISH:**
Custom Baked Enamel Colors (as per sample chip supplied).

**USES:**
To provide selective vision into security areas.

**INSTALLATION:**
#8X3/4” one way vandal proof security screws.

**MATERIAL:**
12 GA. (2.5mm) Cold Rolled Steel

**FINISH:**
Grey Primer, Beige or Bronze Baked Enamel.

**DOOR THICKNESS:**
Works on Doors 3/4” (19mm) and greater.

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

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

**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. (0.0836 m²) visible lite max. width 30” (914mm), max. height 30” (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**
British Standard

**Job Name & Location**

Submitted by

For Most Current Info, Consult Factory or check our website, [www.anemostat.com](http://www.anemostat.com)

Securit Y Vision Frames Page 6

January 2015
GLAZING THICKNESS

ORDER SIZE MINUS 1/4" (6mm)
ORDER SIZE PLUS 1 1/2" (38mm)

GLAZING MATERIAL

FRAME O.D.

ORDER SIZE

DOOR CUTOUT

GLAZING MATERIAL THICKNESS

1 3/4" (44mm)
OR SPECIFY

Visible Lite Width

DOOR CUTOUT WIDTH

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.

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

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.
- 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 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 glazing material thickness is
  standard, allowing for glazing tape to be used on both sides of
  the glazing material. In order to maintain fire rating, glazing material
  should also be U.L. and/or W.H.I. listed.

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 (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 33" (838mm).
- 60/90 MINUTE: Approved listing at 100 sq.in. (0.665 m2) visible lite
  max. width 10" (254mm), max. height 33" (838mm).

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

- 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.
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

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 / Cutout size plus 4-3/4". Please consider your door width when ordering.
EXAMPLE: 12"x12" Order/Cut-out size= 30-1/4"(12"+12")x16-3/4"(12"+4-3/4")
RECOMMENDATION: Do Not make cutouts in door prior to receiving SSD products.

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 screws 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.
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

DETAIL DRAWING

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

Page dimensions: 612.0x792.0

- 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

STANDARD PRODUCT FEATURES

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.
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.

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

SECURITY VISION FRAMES PAGE 9
**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

**DETAIL DRAWING**

---

**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:**

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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**OPTIONAL FEATURES**

- **MATERIAL:** #304 or #316 Stainless Steel, Galvanized (Hot Dipped or Zinc Plated).
- **FINISH:** Custom Baked Enamel Colors (as per sample chip supplied).
- **FASTENER:** 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.
- **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).

---

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

---

**TECHNICAL DATA**

**Anemostat**

Door Products

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**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 NF and Fire listed glazing tape or another manufacturer’s equivalent product. Glazing combination must be used in 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).

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**For Most Current Info, Consult Factory or check our website, www.anemostat.com**
Your area, to determine appropriate Standards. Consult with the local authority having jurisdiction in your area, to determine appropriate Standards. Interpretation of building and fire codes may vary.

**IMPORTANT:**
Consult with the local authority having jurisdiction in your area, to determine appropriate Standards.

**MATERIAL:**
- 18 GA. (1.25mm) Cold Rolled Steel.
- **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.

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

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**TECHNICAL DATA**

**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.

**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.
- Steel Doors - 2 hours (4 hours actual).

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

---

**For Most Current Info, Consult Factory or check our website, www.anemostat.com**
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-75-LSC
METAL VISION FRAME
WITH
LOCKING SECURITY COVER

UNDERWRITERS’ LABORATORIES
WARNOCK HERSEY

B.S.-476.22 British Standard

ORDER SIZE MINUS 1/4" (6mm)
ORDER SIZE PLUS 1 1/2" (38mm)

FRAME O.D.
GLASS SIZE
ORDER SIZE & DOOR CUTOUT
1/4" (6mm)
1 3/4" (44mm)
1/4" (6mm)
3/8" (10mm)
1 1/4" (32mm)
5/16" (8mm)
1/4" (6mm)
1/4" (6mm)
1/4" (6mm)

PINNED TORX SECURITY THRU BOLTS
SECURITY CAM LOCK WITH KEY
CONTINUOUS HINGE SPOT WELDED
PULL HANDLE
SECURITY CAM LOCK WITH KEY

TOP VIEW

DETAIL DRAWING

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.
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

JANUARY 2015
SECURITY VISION FRAMES PAGE 13

For Most Current Info, Consult Factory or check our website, www.anemostat.com
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
METAL VISION FRAME
WITH OPERATING SECURITY COVER

UNDERWriters’ LABORATORIES
WARNock HERSEY

FIRE RATINGS

JA NUA RY 2015
SEC U R ITY VISIO N FR A M E 14

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.

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

<table>
<thead>
<tr>
<th>Job Name &amp; Location</th>
<th>Submitted by</th>
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JANUARY 2015
SECURITY VISION FRAMES PAGE 14
**TECHNICAL DATA**

**LoPro™-GR**

**Metal Profile Vision Frame with Security Grille One Side**

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**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)

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**OPTIONAL 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.
- **IMPORTANT:** Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

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

**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.
- **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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**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. (0.665 m²) visible lite. max. width 12" (305mm), max. height 33" (838mm)

*Must be used with FIREFLITE 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.

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**ORDER SIZE**

- **FRAME**
  - ORDER SIZE MINUS 2" (51mm)
  - ORDER SIZE PLUS 1" (25mm)

- **GLAZING SPACE**
  - ORDER SIZE PLUS 1" (25mm)
  - ORDER SIZE & DOOR CUTOUT GLASS SIZE

- **VISIBLE LITE**
  - ORDER SIZE MINUS 1" (25mm)
  - ORDER SIZE PLUS 2" (51mm)

- **GLAZING MATERIAL**
  - 3/16" TO 1/4" (5mm to 6mm)

- **GLAZING SPACE**
  - 1/2" (13mm)

---

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

**SECURITY VISION FRAMES PAGE 15**

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**JOB NAME & LOCATION**

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**SUBMITTED BY**

---

**JANUARY 2015**
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
WARNOCK
HERSEY

DETAIL DRAWING

TOP VIEW

PULL HANDLE
MAGNETIC LATCH
OPERATING SECURITY COVER
16 GA. (1.7mm) SECURITY GRILLE
PULL-handle

FRAME
ORDER SIZE
DOOR CUTOUT
ORDER SIZE &
2" (5mm)
ORDER SIZE PLUS 1" (25mm)
GLAZING SPACE
13/16" S. HOLES ON 1" CENTERS.
OPERATING SECURITY COVER

GLAZING MATERIAL
3/16" TO 1/4" (5mm to 6mm)

GLAZING SPACE *
5/16" (8mm)

PULL HANDLE
MAGNETIC LATCH
PINNED TORX SECURITY SCREWS

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.

ORDER SIZE
MINUS 1" (25mm)
ORDER SIZE
PLUS 3/16" (5mm)

ORDER SIZE
PLUS 1" (25mm)

ORDER SIZE
MINUS 2" (51mm)

ORDER SIZE
MINUS 2" (51mm)

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

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.

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 3/16" (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.

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)

GLAZING:
Tolerance variances in door or glass thickness and type of glazing tape used will vary based on glazing material thickness.

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

SECURITY VISION FRAMES PAGE 16
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

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” (899mm), max. height 35” (899mm).
- 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.

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

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

DETAIL DRAWING

Anemostat manufacturing dimensions ±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
- FINISH: Grey Primer, Beige or Bronze Baked Enamel
- INSTALLATION: By drilling 1/4" (6mm) holes thru the door, around the periphery of the door cutout. Frame has countersunk mounting holes for #8 x 32 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 ed 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

- 20/45/60/750° MINUTE: Approved listing at 1296 sq. in. (0.836 sqm) visible lite. max. width 54" (1372mm), max. height 54" (1372mm),
- 60/90 MINUTE: Approved listing at 100 sq. in. (0.605 sqm) 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

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

SECURITY VISION FRAMES PAGE 18
**TECHNICAL DATA**

**FGS-MS**

**METAL VISION FRAME**

**HIGH SECURITY IMPACT RESISTANT**

**NOT FIRE RATED**

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**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) safety rated glazing with 1/4" (6mm) and/or 1/2" (13mm) glazing material on interior and/or exterior security installations.
- **USES:** Products are designed for high and medium security installations where protection from vandalism, or forced entry/exit is necessary.

- **NOTE:** For exterior use, high humidity or salt air application, product must be Galvanized or Stainless Steel.

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**OPTIONAL FEATURES**

- **MATERIAL:** #304 or #316 Stainless Steel, #4 Finish (Satin), Galvanized (Coil, Hot Dipped, or 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, Lead Lined for X-ray applications.

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**FIRE RATINGS**

- **FGS-MS** is not fire rated.
  (For Fire Rating see FGS-MS-FR, page 18, 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.
Anemostat manufacturing dimensions ±1/32
Actual dimensions are nominal and may vary based on component manufacturer's 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" (2mm) 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.
IMPORTANT: Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.

**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" (.16mm) 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.

- **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.

**OPTIONAL FEATURES**

- **IMPORTANT:** Interpretation of building and fire codes may vary. Consult with the local authority having jurisdiction in your area, to determine appropriate standards.
#8X32 THRU BOLT, BLANK ONE END
USED FOR ALL MODELS: SG-10, SG-12, SL-IS, FGS, PLSL AND BR-7

**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.