# Vision Frames

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ADD THE VELO PRIVACY SCREEN TO ANY MODEL VISION LITE
View Webpage or See Separate Section on Privacy Options for Vision Lites
MADE IN USA
All vision lites are manufactured in the USA.

WAREHOUSES
Many models of Vision Lites are available in one or more of our 10 stocking locations in Lancaster PA, Bloomington MN, Commerce CA, Atlanta GA, Seattle WA, Fort Myers FL, Dallas TX, Omaha NE, Fargo ND or Chicago IL. Check the Stock list at WWW.ACTIVARCPG.COM/AIR-LOUVERS for the most current listing.

CUSTOM ORDERS & SPECIAL SIZES
Because we design and manufacture our own lites & louvers in our California and Minnesota facilities, we can help you with special requests including non-standard sizes, special finishes or custom colors, and fitting non-standard doors. Call Customer Service to find out more.

MATERIAL
All vision frames are fabricated from cold rolled steel unless otherwise noted. See specific model for respective gauge.

CONSTRUCTION
All vision frames have mitered and flush welded corners with a continuous, glass retainer and countersunk mounting holes.

FASTENERS
All models have pre-punched, countersunk holes for Phillips head sheet metal screws (provided with each vision frame). All screw and bolt heads match finish. Vandal or tamper-proof such as Torx head fasteners are available as well as other specialty fasteners.

FINISH
Standard finish for most steel vision lites is a powder-coat mineral bronze unless otherwise noted. Air Louvers offers many more powder coat finishes at no additional charge for most models. Powder coating provides complete coverage inside and out, assuring that your vision frame will provide durable service for years. Powder coating generates no VOC’s during the process or after installation. Specify optional colors at the time of order. Other finishes and materials such as stainless steel and galvanized and custom color matching are available - contact Customer Service. Touch up paint available for most colors. View Color Samples Online.

GLAZING
Air Louvers carries a wide selection of fire & safety-rated glazing choices to fit our vision frames. Glazing to fit each frame is noted on the product data page.

SIZES
All vision lites are made in commonly-ordered sizes to fit most door applications. The most popular model and sizes are carried in stock for immediate shipment from the factory - See our Warehouse Stock List. Dimensions are always given with width first and height second. Order dimensions should represent the size of the cut-out opening in the door.

PACKAGING
Vision frames may be packaged individually or grouped in a box. Each package is marked with the respective model and size designation. Multiple unit orders may be shipped in corrugated cartons or wooden crates (on special order).

LISTING & MARKING
Each vision frame that is fire-rated carries a permanent marking with the manufacturer, rating and listing agency. UL10B installations do not require fire-rated glazing tape to achieve the listing, however we recommend that a PVC glazing tape be applied to both sides of glass to avoid glass to metal contact which may result in breakage.
Most vision frames have been tested and Listed for UL 10C and Criteria of UBC 7-2 Positive Pressure. Additional fire-rated intumescent glazing tape may be required to meet those requirements. Please request at the time of order & see detailed installation instructions for each model.

GLAZING TAPE—SEE INSTALLATION INSTRUCTIONS
GTAPE2000B: Black medium density closed cell PVC glazing tape with adhesive backing - 1/16" x 3/8" x 200'
GTAPE1/8-75B: Black medium density closed cell PVC glazing tape with adhesive backing—1/8" x 3/8" x 75'
   Required only for UL10C installation instruction in VSL 20 min. wood doors with a UL Label
FGS3000S90: Glazing tape for WireShield (WS) sizes over 1296 square inches exposed glass.- 5/64" x 7/16" x 16'.
FGS4590-7: Fire-rated intumescent tape with adhesive backing for Positive Pressure-Listed Doors - 3/64" x 7/16" x 7'.
FGS4590-8: Fire-rated intumescent tape with adhesive backing for Positive Pressure-Listed Doors - 3/64" x 7/16" x 8'.
Due to possible changes in the industry and manufacturing techniques, we reserve the right to modify any product without prior notification.

FIND THE MOST CURRENT PRODUCT INFORMATION AT WWW.ACTIVARCPG.COM
PAK™ OPTION: STANDARD SIZES - PACKAGED KIT, GLAZING & TAPE APPLIED

STEP 1: Select One UL-Rated Vision Lite Kit—VSL OR VLFEZ

(VSL) SLIMLINE LITE KIT FOR 1-3/4" UL10B DOORS
20 gauge cold rolled steel frame with radius corners, mitered and welded, continuous glass retainer and countersunk mounting holes. Self-attaching, leaving corridor side of frame free of fasteners for aesthetic and security purposes. Durable Bronze powder coat finish. See data sheet for more information. Order Size is Cutout Size.

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<td>5” x 35”</td>
<td>8” x 30</td>
<td>24” x 24”</td>
<td>24” x 60”</td>
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<tr>
<td>6” x 27”</td>
<td>8” x 32</td>
<td>24” x 30”</td>
<td>24” x 64”</td>
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<td>7” x 22”</td>
<td>8” x 36</td>
<td>24” x 32”</td>
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<tr>
<td>8” x 18</td>
<td>12” x 12</td>
<td>24” x 36”</td>
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24-48 Hour Shipping for Many of these Sizes - See Stock Listings for Availability & Shipping Schedule from Each Location

(VLFEZ) LITE KIT FOR 1-3/4" UL 10B DOORS
20 gauge cold rolled steel frame with mitered and welded corners, continuous glass retainer and countersunk mounting holes. Self-attaching, leaving corridor side of frame free of fasteners for aesthetic and security purposes. Durable Bronze powder coat finish. See data sheet for more information. Order Size is Cutout Size.

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24-48 Hour Shipping for Many of these Sizes - See Stock Listings for Availability & Shipping Schedule from Each Location

STEP 2: Select One Glazing Choice (See Complete Descriptions and recommended Sizes in Glazing)

(PPF) Pyran® Platinum F Glass (SAFTI FIRST)- CAT II Impact-rated, Fire-rated - UL Listed, for UL10B Door Assy.

(KFRF) KeraShield® CAT II Impact-rated, Fire-rated - UL Listed, for UL10B Door Assy.

(WS) WireShield - Wired Glass, CAT II Impact-rated, Fire-rated - UL Listed, for UL10B Door Assy.

(TEMP) Tempered Glass - CAT II Impact-rated (Not Fire-rated)

Other Glazing: Call For pricing

STEP 3: We Size the Glazing for the Kits You Select, Apply Glazing Tape and Package

Format as follows: Kit Size Glazing PAK. Example: VSL 1212B WS PAK

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
Low Profile Beveled Vision Lite For Fire Rated Doors. Self-Attaching for Glass 3/16” to 1/4” Frame Has Single-side Fasteners. Available in Round Shapes or Wood Veneer

SPECIFICATIONS:

Material: 20 gauge CRS frame. Min Size 3” x 3”, Max 60” x 104”. See Fire Rating Below.

Construction: 1-1/4” trim with radius corners, mitered and welded. Continuous glass retainer, countersunk mounting holes in the bevel on non-corridor side.

Door: For 1-3/4” door. For other sizes, see models VLFIG and VLFEZIG. Door cutout = order size.

Fasteners: #8 x 1” flathead phillips SMS to match finish. Woodlite has wood veneer plugs covering screw heads.

Powder Coat Finishes:
- (B) Mineral Bronze
- (BK) Black
- (FBK) Flat Black
- (W) White
- (SB) SC Beige
- (S) Sand
- (AB) AMS Beige

Glass: 3/16” - 1/4” glazing to be ordered separately from Glazing Section of catalog. Use fire rated glazing with Warnock Hersey (WHI) or UL classification markings for fire rated applications. Visible light is 2” under rough opening size. Glass size is 1” under order size. Fire-Rated Air Louvers Glazing to fit this Product: WS, KFRF, PYRO, and PPF.

Fire-Rating, Testing, & Listings: When installed in properly rated and approved door, ratings up to 3 hours can be achieved for VSL and SLR, depending on the glazing used. See glazing ratings for max exposed area. Tested and Listed for UL 10C and Criteria of UBC 7-2 Positive Pressure. See detailed installation instructions.

OPTIONS AT ADDITIONAL COST:

PAK: Includes Vision Lite, Glass Sized to Fit, Applied Glazing tape for UL10B Installations, Securely Packaged Individually. See First Page in Vision Lite Catalog to order.

UBC 7-2 Installation: Additional intumescent tape for Positive Pressure UL10C. See detailed installation instructions.

NOTE: Intumescent tape NOT needed for 20 Minute Wood doors for UL Label.

Finishes & Materials:
- (S) 20 Gauge Stainless Steel: #4 Finish.
- (G) Galvanized Sheet for Exterior Applications.
- (E) Electro Zinc Plating for Maximum Corrosion Resistance.

Woodlite Wood Veneers:
- (VWL) .010 Wood Veneer to Match Wood Finish. (excludes SLR) Rated 90 mins Veneer Type: (MA) Maple, (WB) White Birch, (RO) Red Oak. See website for more wood type codes and photos. Up to 60” x 77”. Samples upon request.

Fasteners: Torx Other:

Mullions: Factory welded to vision lite & painted. See Mullions Page in this section to order.

Round Lite
- VSLR-12: One piece, 18 gauge construction. 11” glazing. (n/a (S) material)
- VSLR-18: One piece, 18 gauge construction. 17” glazing. (n/a (S) material)

Privacy Screen: Add the Velo Privacy Screen to This Vision Lite—See Web Page for Details

Custom: Smaller or larger size or other options; Contact Customer Service for special orders.

Order Format: VSL, VSLR, VWL Option S,G,EG W H Color

Example: VSL 1212W

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
SLIMLINE™ VISION LITE FOR 5/16” to 1-11/16” GLASS: VSIG

Low Profile Beveled Vision Lite For Fire Rated Doors. Corridor Side of Door is Free of Fasteners
For Glazing thickness of 5/16” to 1 11/16". UL-Listed Models Now Available for 1” to 3” Thick Doors.

SPECIFICATIONS:

Material: 20 gauge CRS frame. Min. size 3" x 3", max. 60" x 104". See Fire Rating Below.

Construction: 1-1/4” trim with radius corners, mitered and welded. Continuous glass retainer, countersunk mounting holes in the bevel on non-corridor side.

Door: ___ UL Listing: 1” to 3”. Specify door thickness: ________________

___ WHI Listing: For 1-3/4” door. Door cutout = order size.

Fasteners: #8 x 1” flathead phillips SMS to match finish.

Powder Coat Finishes:

___ (B) Mineral Bronze (stock color)
___ (BK) Black (FK) Flat Black (W) White (SB) SC Beige
___ (SI) Silver (BRA) Brass (S) Sand (G) Gray
___ (AB) AMS Beige View Color Samples Online

Glass Thickness Will Be Used for this Order. Select Door Above.

UL Listing: 5/16” to 1 11/16”, WHI Listing: 5/16” to 1”, glazing to be ordered separately from Glazing Section of catalog. Use fire rated glazing with Warnock Hersey (WHI) or UL classification markings for fire rated applications. Visible light is 2” under rough opening size. Glass is 1” under order size. Must specify glass thickness above.

If glazing is being provided by a supplier other than Air Louvers, coordinate with the supplier to ensure compatibility with IG kits.

Fire-Rated Air Louvers Glazing to fit this vision frame: KFRL, KFRFU, CONTRA45, CONTRA 60, ARMRSHEL.

Fire-Rating, Testing & Listings: When installed in properly rated and approved door, ratings up to 3 hours can be achieved for VSIG, depending on the glazing used. See glazing ratings for max exposed area. Tested and Listed for UL 10C and Criteria of UBC 7-2 Positive Pressure.

OPTIONS AT ADDITIONAL COST:

UBC 7-2 Installation: Fire Rating can be achieved for VSIG. See detailed installation instructions.

Finishes & Materials: ___ (S) 20 Gauge Stainless Steel: #4 Finish.
___ (G) Galvanized Sheet for Exterior Applications.
___ (E) Electro Zinc Plating for Maximum Corrosion Resistance.
___ VWLIG—Wood Veneer Finish (up to 90 minutes)—View Selection Here

Fasteners: ___ Torx ___ Other: ______________________

Mullions: Factory welded to vision lite & painted. See Mullions Page in this section to order.

Privacy Screen: Add the Velo Privacy Screen to This Vision Lite—See Web Page for Details

Custom: PAK, smaller or larger sizes, or other options, contact Customer Service for special orders.

Miniblind in Vision Lite: Blinds are sealed between the two lites of glass. See separate VSLIGMB page in this section

STOCK ITEM - MANY STANDARD SIZES OF VSIG IN STOCK FOR NEXT DAY SHIPMENT FROM SEVERAL WAREHOUSES

Order Format: VSIG Example: VSIG 1818B 01

<table>
<thead>
<tr>
<th>Option S,G,EG</th>
<th>W</th>
<th>H</th>
<th>Color</th>
<th>Glass Thickness</th>
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800-554-6077 QUOTES@ACTIVARCPI.COM ORDERS@ACTIVARCPI.COM SALES@ACTIVARCPI.COM

Visit WWW.ACTIVARCPI.COM FOR THE MOST UPDATED PRODUCT INFORMATION BEFORE ORDERING

MFG: COMMERCE CA, BLOOMINGTON, MN • WAREHOUSES: LANCASTER PA, ATLANTA GA, CHICAGO IL, SEATTLE WA, FORT MYERS FL, DALLAS TX, FARGO ND, OMAHA NE

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V4
BEVELED VISION LITE FOR 3/16”-1/4” GLAZING: VLFEZ™

Self-Attaching, Beveled Vision Lite with Single Side Fasteners For Fire Rated Doors for 3/16” to 1/4”Glass

SPECIFICATIONS:

Material: 20 gauge CRS frame. Min Size 3” x 3”, Max 60” x 104”. See Fire Rating Below.

Construction: 1-1/4” trim, with mitered and welded corners. Continuous glass retainer, counter-sunk mounting holes in the bevel on non-corridor side. ‘3/8” projection from door.

Door: For 1-3/4” door. For other sizes, see VLFIG & VLFEZIG. Door cutout = order size.

Fasteners: #8 x 1” flathead philips SMS to match finish.

Powder Coat Finishes: _____ (B) Mineral Bronze _____ (G) Gray (stock colors) _____ (BK) Black _____ (FBK) Flat Black _____ (W) White _____ (SB) SC Beige _____ (SI) Silver _____ (BRA) Brass _____ (S) Sand _____ (AB) AMS Beige View Colors Online

Glass: 3/16” - 1/4” glazing to be ordered separately from Glazing Section of catalog. Use fire rated glazing with Warnock Hersey (WHI) or UL classification markings for fire rated applications. Visible light is 2” under rough opening size. Glass is 1” under order size. Fire-Rated Air Louvers Glazing to fit this vision frame: WS, KRF, PPF.

Fire-Rating, Testing & Listings: When installed in properly rated and approved door, ratings up to 3 hours can be achieved, depending on the glazing used. See glazing ratings for max exposed area. Tested and Listed for UL 10C and Criteria of UBC 7-2 Positive Pressure. See detailed installation instructions.

OPTIONS AT ADDITIONAL COST:

PAK: Includes Vision Lite, Glass Sized to Fit, Applied Glazing tape for UL10B Installations, Securely Packaged Individually. See First Page in Vision Lite Catalog.

UBC 7-2 Installation: _____ Additional intumescent tape for Positive Pressure UL10C. See detailed installation instructions.


Fasteners: _____ Torx _____ Other: ______________________

Mullions: Factory welded to vision lite & painted. See Mullions Page in this section to order.

Privacy Screen: Add the Velo Privacy Screen to This Vision Lite—See Web Page for Details

Custom: Smaller or larger sizes. Leadlined. Contact Customer Service for special orders.

STOCK ITEM - MANY STANDARD SIZES OF VLFEZ IN STOCK FOR NEXT DAY SHIPMENT FROM ALL WAREHOUSES

Order Format: VLFEZ W H Color Example: VLFEZ 1212AB

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.

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**BEVELED VISION LITE FOR 5/16” to 1-11/16” GLAZING & UP TO 3” DOOR: VLFEZIG™**

**V5**

Recommended for Applications Requiring Fire Rated, Safety, and or Insulated Glazing 5/16” to 1 11/16” Thick

**SPECIFICATIONS:**

- **Material:** 20 gauge CRS frame. Min Size 3” x 3”, Max 60” x 104”. See Fire Rating Below.
- **Construction:** 1-1/4” trim with radius corners, mitered and welded. Continuous glass retainer, countersunk mounting holes on the face of the non-corridor side. Frame projects 3/8”.
- **Door:** UL: 1”- 3” door. Specify door thickness: _______  Door cutout = order size. WHI: 1 3/8” to 2 1/2”
- **Fasteners:** #8 x 1” flathead phillips SMS to match finish.
- **Powder Coat Finishes:**
  - (B) Mineral Bronze (standard color)
  - (BK) Black (FBK) Flat Black (W) White (SB) SC Beige
  - (SI) Silver (BRA) Brass (S) Sand (G) Gray
  - (AB) AMS Beige  View Colors Online

**Glass:**

"Glass Thickness Will Be Used for this Order
UL Listing: 5/16” to 1 11/16”, WHI Listing: 5/16” to 1”, glazing to be ordered separately from Glazing Section of catalog. Use fire rated glazing with Warnock Hersey (WHI) or UL classification markings for fire rated applications. Visible light is 2” under rough opening size. Glass is 1” under order size. Must specify glass thickness above.

**Fire-Rated Air Louvers Glazing to fit this vision frame:** KFRL, KFRFU, CONTRA45, CONTRA60, ARMRSHEILD, LGSHIELD.

If glazing is being provided by a supplier other than Air Louvers, coordinate with the supplier to ensure compatibility with IG kits.

**Fire-Rating, Testing & Listings:** When installed in properly rated and approved door, ratings up to 3 hours can be achieved, depending on the glazing used. See glazing ratings for max exposed area. Tested and Listed for UL 10C and Criteria of UBC 7-2 Positive Pressure.

**OPTIONS AT ADDITIONAL COST:**

**UBC 7-2 Installation:** _______ Additional intumescent tape for Positive Pressure UL10C. See detailed installation instructions.

**Finishes & Materials:**

- (S) 20 Gauge Stainless Steel: #4 Finish.
- (G) Galvanized Sheet for Exterior Applications.
- (E) Electro Zinc Plating for Maximum Corrosion Resistance.

**Fasteners:** Torx _______ Other: __________

**Mullions:** Factory welded to vision lite & painted. See Mullions Page in this section to order.

**Custom:** PAK, smaller or larger sizes. Leadlined. Contact Customer Service for Special Orders.

**Miniblind in Vision Lite:** Blinds are sealed between the two lites of glass. See separate VLFEZIGMB page in this section to view options.

**Order Format:** VLFEZIG 1212S 01

<table>
<thead>
<tr>
<th>Option S,G,EG</th>
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<th>Color</th>
<th>Glass Thickness</th>
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Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
V6
VISION LITE FOR 3/16-1/4” GLASS: VLF™

Standard, Multi-Purpose, Thru-Bolted Square Profile Vision Lite for Up to 1/4” Thick Glazing

SPECIFICATIONS:

Material: 18 gauge CRS frame. Min Size 3” x 3”, Max 60” x 104”. See Fire Rating Below.

Construction: 1-1/4” trim with radius corners, mitered and welded. Countersunk mounting holes on both sides.

Door: For 1-3/4” door. Door cutout = order size.

Fasteners: #8 x 32 flathead phillips head thrubolts with blank heads one side to match finish.

Powder Coat Finishes: (B) Mineral Bronze (standard color) (G) Gray (BK) Black (FBK) Flat Black (W) White (SB) SC Beige (SL) Silver (BRA) Brass (S) Sand (AB) AMS Beige View Colors Online

Glass: 3/16” - 1/4” glazing to be ordered separately from Glazing Section of catalog. Use fire rated glazing with Warnock Hersey (WHI) or UL classification markings for fire rated applications. Visible light is 1” under rough opening size. Glass size is 1/4” under order size. Fire-Rated Air Louvers Glazing to fit this vision frame: WS, KFRF, PPF.

Fire-Rating, Testing & Listings: When installed in properly rated and approved door, ratings up to 3 hours can be achieved, depending on the glazing used. See glazing ratings for max exposed area. Tested and Listed for UL 10C and Criteria of UBC 7-2 Positive Pressure. See detailed installation instructions.

OPTIONS AT ADDITIONAL COST:

UBC 7-2 Installation: Additional intumescant tape for Positive Pressure UL10C. See detailed installation instructions.


Fasteners: Torx Other:

Mullions: Factory welded to vision lite & painted. See Mullions Page in this section to order.

Custom: PAK, smaller or larger sizes. Leadlined. Please consult Customer Service for Special Orders.

Round Frame: 1” Diameter 12”, 18”, 24” common. Min. 6” diameter, max 60” diameter.

Privacy Door: VLPVC 16 gauge door on continuous hinges welded to vision light. (Not F.R.) Minimum size 4” x 4”, max size 60” x 60”. See Privacy Options Tab.

Privacy Screen: Add the Velo Privacy Screen to This Vision Lite—See Web Page for Details

Order Format: VLF Option S,G,EG W H Color Example: VLF 1212FBK

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
VISION LITE FOR 5/16” TO 1-11/16” GLASS & UP TO 3” DOOR: VLFIG™

Square Profile Vision Lite for Glass Thicker than 5/16” - Recommended for Applications Requiring Fire-Rated, Safety, and/or Insulated Glazing up to 1-11/16” Thick.

SPECIFICATIONS:

| Material: | 18 gauge CRS frame. Min. size 3” x 3”, max 60” x 104”. See Fire Rating Below. |
| Construction: | 1-1/4” trim with mitered and welded corners, square return with countersunk mounting holes on both sides. |
| Door: | For 1” - 3” thick. Specify door thickness: ________ Door cut out = order size. |
| Fasteners: | #8 x 32 flathead Phillips head thru-bolts with blank head one side to match finish. |
| Powder Coat Finishes: | (B) Mineral Bronze (standard color) (BK) Black (FBK) Flat Black (W) White (SB) SC Beige (SI) Silver (BRA) Brass (S) Sand (G) Gray (AB) AMS Beige View Colors Online |

Glass:

“Glass Thickness Will be Used for this Order

5/16” - 1-11/16” glazing to be ordered separately from Glazing Section of catalog. Use fire rated glazing with Warnock Hersey (WHI) or UL classification markings for fire rated applications. Visible light is 1” under rough opening size. Glass size is 1/4” under order size. Must specify glass thickness above. If glazing is being provided by a supplier other than Air Louvers, coordinate with the supplier to ensure compatibility with IG kits.

Fire-Rated Air Louvers Glazing to fit this vision frame: KFRL, KFRFU, CONTRA45, CONTRA60, CONTRA90, ARMRSHEILD, LGSHIELD.

Fire-Rating, Testing & Listings:

When installed in properly rated and approved door, ratings up to 3 hours can be achieved, depending on the glazing used. See glazing ratings for max exposed area. Tested and Listed for UL 10C and Criteria of UBC 7-2 Positive Pressure. See detailed installation instructions.

OPTIONS AT ADDITIONAL COST:

UBC 7-2 Installation: Additional intumescent tape for Positive Pressure UL10C. See detailed installation instructions.
 Mullions: Factory welded to vision lite & painted. See Mullions Page in this section to order.
 Fasteners: Torx Other: 
 Privacy Screen: Add the Velo Privacy Screen to This Vision Lite—See Web Page for Details
 Custom: PK, smaller or larger sizes. Leadlined. Consult Customer Service for Special orders.

Order Format: VLFIG Option S,G,E W H Color Glass Thickness Example: VLFIG 1227 BK 01

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
**SPECIFICATIONS:**

**Material:** 18 gauge CRS for VLFI & VLFIG, 20 gauge for VLFEZ, VLFEZIG, Slimline (VSL) and Slimline IG (VSIG).

**Construction:** Mullions are welded to both sides of vision lite at heads, sills and jambs, and butt to glass. Only one glass lite required.

**Mullions:** 1” x 5/8” formed steel. See Page V11 to view selections.

**Door:** For 1-3/4” door. Door cutout = order size.

**Fasteners:** See individual vision lite pages for fasteners.

**Glass:** Use fire-rated glazing with UL or WHI classification marking for fire rated applications. See individual data pages for glazing choices.

**Powder Coat Finishes:**
- (B) Mineral Bronze (standard color)
- (BK) Black
- (FBK) Flat Black
- (W) White
- (SB) SC Beige
- (S) Silver
- (S) Sand
- (AB) AMS Beige
- (BRA) Brass
- (G) Gray
  [View Colors Online]

**Fire-Rating, Testing & Listings:** When installed in properly rated and approved door, ratings up to 3 hours can be achieved, depending on the glazing used. See glazing ratings for max exposed area. All models of vision lites for mullioned-vision lites are tested and listed for UL 10C and Criteria of UBC 7-2 Positive Pressure. See Individual Data Sheets for full rating information. See detailed installation instructions.

**OPTIONS AT ADDITIONAL COST:**

**UBC 7-2 Installation:**
- Additional intumescent tape for Positive Pressure UL10C. See detailed installation instructions.

**Mullions:**
- 1/2” x 1/2”, 1/2 x 3/4”, other sizes, contact Cust. Service.

**Finishes & Materials:**
- (S) 20 Gauge Stainless Steel: #4 Finish.
- (G) Galvanized Sheet for Exterior Applications.
- (E) Electro Zinc Plating for Maximum Corrosion Resistance.

**Fasteners:**
- Torx
- Other: ________________

**Custom:** Custom frame sizes or specials. Contact Customer Service.

**Order Format:**

```
VLF, VLFIG, VSL, VSIG, VLFEZ, VLFEZIG MULLION Option S,G,E W H Color Code
```

**Example:** VLFB4 1836G

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
Framed mullions for Transom and Sidelites Recommended for Divided Glass Look in Transom and Sidelites

SPECIFICATIONS:

Material: 16 ga cold rolled steel

Construction: Mullions are welded at heads, sills and jambs, and butt to glass. Pre-drilled mounting holes are provided on the perimeter mullions. (fasteners by others)

Mullions: 3/4” x 3/4” steel tubes. Visible light is 1 1/2 under opening size. **Transom or sidelite opening = order size.**

Std. Finish: Baked on powder coat gray prime for field painting.

Optional Powder Coats:
- (B) Mineral Bronze (standard color)
- (BK) Black
- (FBK) Flat Black
- (W) White
- (SB) SC Beige
- (SI) Silver
- (S) Sand
- (AB) AMS Beige
- (BRA) Brass
- (G) Gray

Options at Additional Cost:

Mullions: ______ Other sizes available, consult Customer Service

Finishes & Materials: ______ Galvanized steel.

Fasteners: ______ Torx ______ Other: _____________

Custom: Custom frame sizes or specials. Contact Customer Service.

NOTE: NEW CODES FOR MULLIONS SHOWN BELOW

<table>
<thead>
<tr>
<th>A2</th>
<th>A3</th>
<th>B2</th>
<th>B3</th>
<th>B4</th>
<th>C3</th>
<th>A4</th>
<th>A5</th>
<th>B5</th>
<th>C4</th>
<th>C5</th>
</tr>
</thead>
</table>

Select Mullion Layout Here for Pages V10 and V11

Order Format: FRM   MULLION W H Color Code

Example: FRMB5 2880B

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
Security Vision Frame With Security Grille Each Side of Glass

**SPECIFICATIONS:**

| Material:  | 18 gauge CRS frame. Min size 4" x 4", Max 60" x 72". See Fire Rating Below. |
| Grille:    | 12 gauge CRS with 13/16" square openings 1" on center. |
| Construction: | Mitered and welded corners, countersunk mounting holes both sides, security grille welded to frame. |
| Powder Coat Finishes: | 
| ______ (B) | Mineral Bronze (standard color) |
| ______ (BK) | Black |
| ______ (FBK) | Flat Black |
| ______ (W) | White |
| ______ (SB) | SC Beige |
| ______ (SI) | Silver |
| ______ (BRA) | Brass |
| ______ (S) | Sand |
| ______ (AB) | AMS Beige |
| ______ (G) | Gray |

**Door:** For 1-3/4" door. Door cutout = order size.

**Fasteners:** #8 x 32 Phillips head thru bolts with blank head one side to match finish.

**Glass:** 3/16" - 1/4" glazing to be ordered separately from Glazing Section of catalog. Use fire rated glazing with Warnock Hersey (WHI) or UL classification markings for fire rated applications. Visible light is 1" under rough opening size. Glass size is 1/4" under order size. **Fire-Rated Air Louvers Glazing to fit this vision frame: WS, KFRF, PPF**

**Fire-Rating, Testing & Listings:** When installed in properly rated and approved door, ratings up to 90 minutes can be achieved, depending on the glazing used. See glazing ratings for max exposed area. Tested and Listed for UL 10C and Criteria of UBC 7-2 Positive Pressure. See detailed installation instructions.

**OPTIONS AT ADDITIONAL COST:**

| UBC 7-2 Installation: | _____ Additional intumescent tape for Positive Pressure UL10C. See detailed installation instructions. |
| Fasteners: | _____ Torx _____ Other: ______________________ |
| Privacy Screen: | Add the Velo Privacy Screen to This Vision Lite—See Web Page for Details |
| Custom: | Smaller or larger sizes, leadlined. Consult Customer Service. |

**Order Format:** VLF-SG _________ _________ _________ _________ 
Example: VLFSG 1212 W

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
10 GAUGE SECURITY VISION LITE: VLFS10™ & VLFS10SP™

SPECIFICATIONS:

Material: 10 gauge CRS frame and 10 gauge perforated steel panel. Min size 4” x 4”, Max 48” x 48”. See Fire Rating Below.

Construction: 1-1/4” trim with mitered and welded corners, countersunk mounting holes both sides, and 1” wide glazing retainer.

Door: For 1 to 3” thick door. Specify door thickness: __________ Door cutout = order size.

Note: If glass thickness > door thickness, frame will be designed to fit the glass.

Powder Coat Finishes:
- (B) Mineral Bronze (standard color)
- (BK) Black
- (FBK) Flat Black
- (W) White
- (BRA) Brass
- (SB) SC Beige
- (SI) Silver
- (S) Sand
- (AB) AMS Beige
- (G) Gray

Fasteners: #8 x 32 Torx head security binder bolt with blank head one side to match finish.

Glass: “Glass Thickness Will Be Used for this Order.

1/4” - 1 11/16” glazing to be ordered separately from Glazing Section of catalog. Use fire rated glazing with Warnock Hersey (WHI) or UL classification markings for fire rated applications. Visible light is 2-1/2” under rough opening size. Specify glass above. Glass is 1/4” under order size. If glazing is being provided by a supplier other than Air Louvers, coordinate with the supplier to ensure compatibility with IG kits. See note in Door section above.

Air Louvers Glazing to fit this vision frame: WS, KFRF, PPF, KFRL, KFRFU, CONTRA45, CONTRA 60, 90, ARMRSHIELD.

Fire-Rating, Testing & Listings: When installed in properly rated and approved door, ratings up to 90 minutes can be achieved for model VLFS10 only, depending on the glazing used. See glazing ratings for max exposed area. Tested and Listed for UL 10C and Criteria of UBC 7-2 Positive Pressure. VLFS10SP not fire-rated.

OPTIONS AT ADDITIONAL COST:

Finishes & Materials:
- (G) Galvanized Sheet for Exterior Applications.
- (E) Electro Zinc Plating for Maximum Corrosion Resistance.

Fasteners:
- (S10SP) 10 gauge CRS frame and 10 gauge perforated steel speaker panel with staggered holes. Includes dual offset baffle of 22 gauge CRS. Speaker panel not fire, or pressure-rated.

Speaker Panel/ Glass Combination:

Complete Info Below: __________ W x __________ H Glass __________ W x __________ H Speaker Panel—

Total of both is to equal order size minus 1/4”. Example: if order size is 7” x 21”, Glass could be 6-3/4” x 10 & Speaker Panel could be 6-3/4” x 10-3/4”. Total W = 6-3/4” and Total H = 20-3/4”

Privacy Screen: Add the Velo Privacy Screen to This Vision Lite— See Web Page for Details

Custom: Smaller or larger sizes, or other options. Contact Customer Service for special orders.

Order Format: VLFS10

Example: VLFS10 1212G 01

Option G.E W H Color Glass Thickness

Distributor:

Architect:

Quantity: Door Thickness:

Contractor:

Glass Thickness:

Project:

Date:

Version: ALPDS1805

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
Beveled Vision Lite With Continuous Glass Retainer. Recommended for Applications Requiring Safety From Wind-Borne Debris. Includes Tested and Approved Polycarbonate Glazing and Caulking.
Now Miami Dade, County Florida and Florida Building Code Approved!

SPECIFICATIONS:

Material: 20 gauge galvanneal steel frame. Min size 3” x 3”, max 23 5/8” x 61 3/8”. See Windstorm Rating Below

Construction: 1-1/4” trim with mitered and welded corners, beveled return, and countersunk mounting holes in the bevel. Screws fasten from room side into pre-punched mounting holes. This mounting method leaves corridor side of frame free of fasteners for aesthetic and security purposes.

Powder Finish: (B) Mineral Bronze (standard color)
(BK) Black (FBK) Flat Black (W) White

Coat Finish: (SB) SC Beige (SI) Silver (BRA) Brass
(SF) Sand (AB) AMS Beige (G) Gray

View Colors Online

Door: For 1-3/4” door. Door cutout = order size.

Fasteners: #8 x 1” flathead phillips head screws to match finish.

Glazing: 1/4” Lexan® Glazing Included
Glass size is 1” under order size

Caulking: Dow Corning 995® for caulking on both sides of glazing.
Glazing & Caulking included with Vision Frame

Severe Windstorm Approved Vision Frame
Tested in Accordance with WN 14475
ASTM E283, ASTM E331, A870, AAMA 1304
Cyclic wind Pressure Loading: FBC & TAS 203-94
Large Missile Impact Test: FBC & TAS 201-94.
Air Infiltration Test, Uniform Static Air Pressure Test-Loading, Water Resistance Test, Forced Entry Test: FBC 2411, 3.2.1 & TAS 202-94
Impact (ft lb) 350
Missile Level D, DP Rating (PSF) 55
Florida Building Code Approval File # FL13187-R2

OPTIONS AT ADDITIONAL COST:

Fasteners: Torx Other: __________________________

Order Format: VLFEZHRC W H Color

Example: VLFEZHRC 1212B PAK

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
**SPECIFICATIONS:**

| Material: | 18 gauge galvanneal steel frame. Min size 3" x 3". Max size 30" x 60-1/2" |
| Construction: | 1-1/2" trim with mitered and welded corners, square return and countersunk mounting holes on both sides. |
| Sealing: | **Between Frame & Glass:** Sponge rubber, EPDM, neoprene press-on glazing tape 1/8" x 3/8". Dow Corning #995 (or equal) silicone structural glazing sealant applied per Dow Corning instructions. **Between Door & Frame Perimeter:** Closed cell EPDM press-on glazing tape 1/4" x 3/8" applied to inside face of lite kit frame. **Screw Entry Points:** Neoprene "O"-Ring, 7/32" and 5/32" I.D. with 1/16" wall, are provided to be used at each screw head. **Setting Blocks to Suit:** EPDM or neoprene setting blocks 1/16" minimum thickness at quarter points of bottom of glass and elsewhere as needed. |
| Powder Coat Finishes: | _____ (B) Mineral Bronze (standard color) _____ (BK) Black _____ (FBK) Flat Black _____ (W) White _____ (SB) SC Beige _____ (SI) Silver _____ (BRA) Brass _____ (S) Sand _____ (AB) AMS Beige _____ (G) Gray |
| Door: | For 1-3/4" to 3" door. Door Size: ____ |
| Fasteners: | #8 x 32 Phillips head thru bolts with blank head one side to match finish. |
| Glass: | Glass in Included with Each Unit: Glass 5/16" thick configuration; (2) 1/8" heat-strengthened glass lites separated by 0.075" interlayer. |
| Privacy Screen: | Add the Velo Privacy Screen to This Vision Lite—See Web Page for Details |

**Severe Windstorm Approved Vision Frame**

Tested in Accordance with
ASTM E330, ASTM E1886, ASTM E1996
ANSI A250.13
Impact (ft lb) 350
Missile Level D Structural (PSF) +/- 70

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.
V14 COMBINATION HURRICANE & FIRE-RATED PAK: VLFIGHRC-F PAK™

Now Miami Dade County Florida and Florida Building Code Approved! Recommended for Applications Requiring Safety From Wind-Borne Debris. Includes Tested and Approved, Fire-Rated Glazing.

SPECIFICATIONS:

Material: 18 gauge galvanneal steel frame.

Sizes: 
Minimum Size: 6.25” W x 12.25” H.
Maximum Size: 21.75” W x 61.25” H.
See flyer for available sizes.

Construction: 1-1/2” trim with mitered and welded corners, square return and countersunk mounting holes on both sides.

Sealing: 
Between Frame & Glass: EPDM-Neoprene glazing tape. Dow Corning 995 structural silicone glazing sealant applied per mfg. instructions.
Screw Entry Points: Neoprene “O”-Ring, 7/32” and 5/32” I.D. with 1/16” wall, are provided to be used at each screw head.

Powder: 
(B) Mineral Bronze (standard color)
(BK) Black (FBK) Flat Black
(W) White

Coat Finishes: 
(SB) SC Beige  (SI) Silver  (BRA) Brass
(S) Sand  (AB) AMS Beige  (G) Gray

View Colors Online

Door: For 1-3/4” door with Hurricane Listing. Door cutout = order size.

Fasteners: #8 x 32 Phillips head thru bolts with blank head one side matching finish.

Glass: 
Special 1-7/16” lamination of Safi-First ® II-XL 60 hurricane-rated glazing with Dupont Sentry Plus® interlayer and 60 minute fire-rated glazing. Visible light is 1-1/2” under rough opening size.
Glass size is 1/4” under order size.
Intertek Maximum Visible Light 20/45 Minute: 1209.94 in²
Intertek Maximum Visible Light 60 Minute: 100 in²
UL Maximum Visible Light 60 Minute: 1209.94 in²
See supplemental flyer for details on sizes and ratings.

Each lite of glazing will be permanently labeled with the product and manufacturer’s name, testing laboratory, fire rating period and safety glazing standards.

Tested in Accordance with:
ASTM E283, E331, ASTM A370, AAMA1304
NFPA 252,UL10C, Can/ULC S104
Cyclic wind Pressure Loading: FBC & TAS 203-94
Large Missile Impact Test: FBC & TAS 201-94.
Air Infiltration Test, Uniform Static Air Pressure Test-Loading, Water Resistance Test, Forced Entry Test: FBC & TAS 202-94
Forced Entry Test: FBC2441, 3.2.1, TAS202-94

FLORIDA BUILDING CODE APPROVAL: FL13187-R2

See supplemental sheet for details on sizes and ratings.

Interpretation of Fire and Building Codes May Vary. Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards.