CANADIAN GEESE - The Canadian goose is the most recognizable goose in North America. Its black and white head and characteristic “honking” call make the Canadian goose an easily identifiable bird. They are known to take up residence in urban environments and to discontinue migrating if conditions are acceptable.
# Lites & Louvers Product Index:

## Lite Kits

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## Louvers

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<td>Security Grille</td>
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<td>L16C</td>
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<td>L-FRA100-SP</td>
<td>Low Profile Special Glass or Door Thickness</td>
<td>L6-L7</td>
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<tr>
<td>L-FRA100 STC</td>
<td>Sound Rated Low Profile</td>
<td>L5</td>
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<tr>
<td>L-FRA100-SP STC</td>
<td>Sound Rated Low Profile Special Glass or Door Thickness</td>
<td>L5</td>
</tr>
<tr>
<td>L-GLF100</td>
<td>Square Profile</td>
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<tr>
<td>L-GLF100-SP</td>
<td>Square Profile Special Glass or Door Thickness</td>
<td>L10-L11</td>
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<td>L-GLF100-SP-TB</td>
<td>Thru-Bolted Special Glass or Door Thickness</td>
<td>L12</td>
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<tr>
<td>L-GLF100-TB</td>
<td>Thru-Bolted</td>
<td>L12</td>
</tr>
<tr>
<td>L-SG100</td>
<td>Security Grille</td>
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<tr>
<td>L-SG100-TB</td>
<td>Security Grille Thru-Bolted</td>
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<td>L-VGLF-MD, MDL</td>
<td>Security Grille with Privacy Panel</td>
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<td>L-VGLF-OG</td>
<td>Security Glass with Privacy Panel</td>
<td>L20</td>
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<tr>
<td>L-VGLF-PZ</td>
<td>Security Glass</td>
<td>L18</td>
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<tr>
<td>L-VGLF-SF</td>
<td>Security Grille with Privacy Panel</td>
<td>L21</td>
</tr>
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<td>L-VGLF-WD</td>
<td>Security Glass with Privacy Panel</td>
<td>L17</td>
</tr>
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<td>Options: G2-G24</td>
<td>False Mullion</td>
<td>L9</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Louvers</th>
<th>Page</th>
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<tbody>
<tr>
<td>L-75-A, B, BF</td>
<td>Dark Room</td>
<td>L29</td>
</tr>
<tr>
<td>L-A700-A, B, BF, C</td>
<td>Aluminum</td>
<td>L25</td>
</tr>
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<td>Steel - Adjustable 1-3/8&quot; to 2-1/4&quot; doors</td>
<td>L24</td>
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<tr>
<td>L-700-RX</td>
<td>Steel Self-Attaching</td>
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<td>L-1800</td>
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<tr>
<td>L-1900</td>
<td>Fire-rated Fusible Link</td>
<td>L26</td>
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<tr>
<td>L-VRSG-2</td>
<td>Security Grille</td>
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<tr>
<td>L-VRSG-3</td>
<td>Security Grille (Both sides)</td>
<td>L28</td>
</tr>
</tbody>
</table>

L-Clips

H.M. Door Reinforcement

Lite Kit and Louver Fasteners

Page L1
Rating Symbols Legend

POSITIVE PRESSURE - CERTIFIED by UL to ANSI/UL10C; complies with IBC, NFPA 80 and NFPA 252 for use on Hollow metal fire doors rated up to 3 hours and Wood fire doors rated up to 90 minutes (some ratings vary as noted).

CERTIFIED by UL to CAN/ULC-S104 and ANSI/UL10B; complies with NFPA 80 and NFPA 252 for use on Hollow metal fire doors rated up to 3 hours and Wood fire doors rated up to 90 minutes (some ratings vary as noted).

Materials

Lite Kits are available in Cold Rolled Steel, Galvanneal Steel, and Stainless Steel (type 304). Louvers are available in Cold Rolled Steel, Galvanneal Steel, and Aluminum Alloy 6063-T5.

Powder Coat Finish

The standard finish for each product is indicated on the catalog page and in the price list and will be provided unless one of the following optional finishes is indicated. See www.ngp.com for color chart:

- (GPZ) Gray Primer
- (DKB) Dark Bronze
- (T) Tan
- (GBL) Gloss Black
- (MBL) Matte Black
- (ASL) Aluminum Silver
- (BPR) Beige Primer (matches Steelcraft)
- (PTY) Putty (matches Anemostat Beige)
- (CAB) California Bronze (matches Anemostat)
- (W) White
- (B) Brass (Gold)
- (WB) Walnut Brown (matches Timely Browntone)
- (MW) Magnolia White (matches Timely Western White)

Custom colors and color matching available – Consult customer service for details

Corrosion Resistant Sealer: A polymeric green seal (non-chrome) corrosion resistance extender is applied under all NGP powder coat finishes. Laboratory salt spray tests prove a dramatic increase in corrosion resistance on steel products with this sealer applied to the metal prior to the powder coat finish.

Salt Spray Test Results: Steel lite kits with NGP’s corrosion resistant sealer and powder coat finish withstood 1,248 hours without failing. This is 2-1/2 times longer than the protection provided by powder coating only.

Zinc Electro-Plating

Available on steel lite kits and louvers for extra corrosion resistance; recommended for exterior, wet areas, and coastal salt air locations. Zinc electro-plating will be applied prior to the powder coat finish. Specify on order “Zinc EL-Plate” and powder coat color desired. Not available on insect screen.

How to Order Example

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Model#</th>
<th>Finish</th>
<th>Cut-out Size (width x height)</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>L-FRA100-SP</td>
<td>DKB</td>
<td>24” x 30”</td>
<td>for 1” thick glass</td>
</tr>
</tbody>
</table>
Lite Kit Technical Information

Fire-Rated Lite Kits: Lite Kits installed in fire-rated doors require fire-rated glass and glazing tape.

Impact Safety Rated Glass requirements: IBC requires all individual glazed areas in swinging doors to be impact safety-rated to comply with the CPSC 16CFR 1201 Category I or II.

Accessibility Standard Compliance:
ADA Standards for Accessible Design, requires that the bottom of the glass panel in a vision lite be located 43" maximum above the floor. An exception for vision lites with the lowest part more than 66" above the floor are not required to comply.

Louver Technical Information

Steel louvers over 46" wide and aluminum louvers over 36" wide must be furnished as two louver cores mounted in one louver frame with a mullion in between. All Louvers over 64" or more in height will be furnished as two louver cores mounted in one frame with a mullion in between.

LEED Green Building

The LEED (Leadership in Energy and Environmental Design) Green Building Rating System® is a national standard for developing high-performance, sustainable buildings developed by the U. S. Green Building Council. Our current LEED letter containing LEED qualification information for all our products is available at www.ngp.com

Environmental Product Declarations (EPD) prepared and certified by an Independent Laboratory based on Life Cycle Assessments (LCA) of our products may be viewed on our website www.ngp.com

Health Product Declarations (HPD) may be viewed on our website www.ngp.com

National Guard Products sustainability report may be viewed on our website www.ngp.com

Contact us regarding our end of use product recycling program.

Buy American Requirements

Buy American Act

Over 99% of our products are produced in the United States as a domestic construction material, as defined in the Buy American Act (BAA) of March 1933 and amended by the Buy American Act of 1988 and FAR 52.225-9. A Buy American certificate may be obtained on our website www.ngp.com

Federal American Recovery and Reinvestment Act

More than 99% of our products qualify as manufactured products produced in the United States as manufactured goods, as defined in OMB Guidance (176.140; 176.70(a) (2) (ii); 176.160, complying with the Federal American Recovery Reinvestment Act, ARRA-2009. Contact us for a Buy America ARRA certificate for your project.

Buy America

More than 99% of our products comply with Buy America Requirements of 49 U.S.C. 5323(j)(1), and the applicable regulations in 49 CFR part 661. Contact us for a Certificate of Compliance for your project.

Components of unknown origin are considered to have been produced or manufactured outside the United States.
L-FRA100

Low Profile Lite Kit for 1-3/4" Thick Doors and 3/16", 1/4" or 5/16" Glass

- 18 ga. cold rolled steel
- Mitered and welded corners
- Welded reinforcing clips at corners
- Counter-sunk mounting screw-holes
- #8 x 1-3/4" Phillips head SMS
- Available in uneven and fractional sizes
- Gray Primer (GPZ) powder coat finish

Available Options
- Powder coat color options - see page L2
- Torx Security Screws
- Galvanneal - A40 Steel
- Zinc electro-plating
- Glass & Glazing tape - See Glass Section
- Lead lining - .030" thick

Designed for use on 1-3/4" thick doors manufactured within door industry tolerance of +/- 1/16".
L-FRA100 STC & L-FRA100-SP STC

Low Profile Sound Rated Lite Kit Option - Suffix “STC”

Silicone acoustical seal applied to reduce sound transmission

Acoustical Testing performed at Intertek Testing, Inc. to:
ASTM E 413, Classification for Rating Sound Insulation.
ASTM E 1332, Standard Classification for Rating Outdoor-Indoor Sound Attenuation.

STC Ratings:
- SuperLite I-W STC 28
- SuperLite I-20 STC 28
- Wired STC 28
- Polycarbonate 1/4" STC 29
- Pyran Platinum F STC 31
- Tempered 1/4" STC 31
- Polycarbonate 1/2" STC 34
- Insulated Tempered 1" STC 35
- Laminated 1/4" STC 35
- Pyran Platinum L STC 36
- SuperLite X-90 STC 38
- SuperLite II-XL (45 min.) STC 40
- Laminated 5/8" STC 40
L-FRA100-SP

Low Profile Lite Kit
for Variable Door and/or Glass Thickness

- 18 ga. cold rolled steel
- Mitered and welded corners
- Welded reinforcing clips at corners
- Counter-sunk mounting screw-holes
- #8 Phillips head SMS
- Available in uneven and fractional sizes
- Gray Primer (GPZ) powder coat finish

Required Information
- Specify glass thickness on order
- Specify door thickness on order if other than 1-3/4"

Available Options
- Powder coat color options - see page L2
- Torx Security Screws
- Galvanneal - A40 Steel
- Zinc electro-plating
- Glass & Glazing tape - See Glass Section
- Lead lining -.030" thick
L-FRA100-SP Glass and Door Combinations

Details shown are for 1-3/4" door thickness.
Only configurations shown are available
Some applications require thicker glazing tape
L-GLF100

Square Profile Lite Kit for 1-3/4" Thick Doors and 3/16", 1/4", or 5/16" Glass

- 18 ga. cold rolled steel
- Mitered and welded corners
- Welded reinforcing clips at corners
- Countersunk mounting screw-holes
- #6 x 1-3/4" Phillips Truss Head SMS
- Gray Primer (GPZ) powder coat finish

Available Options
- Powder coat color options - see page L2
- False mullion bars (page L9)
- Torx Security Screws
- Galvanneal - A40 Steel
- Zinc electro-plating
- Glass & Glazing tape - See Glass Section
- Lead lining - .030" thick

Designed for use on 1-3/4" thick doors manufactured within door industry tolerance of +/- 1/16".
False Mullion Lite Kits

- 1" wide steel channel
- Fits L-GLF100, L-GLF100-SP, L-GLF100-TB, L-GLF100-SP-TB, L-SG100, L-SG100-TB
- Mullion bars welded into both sides of Lite Kit
- Finished to match Lite Kit

Available Options
* Zinc electro-plating

To Order
Specify Lite Kit x G# (i.e.: G2, G3, G4 etc.)
If other than as illustrated, provide detail & suffix G-SP

<table>
<thead>
<tr>
<th>G2</th>
<th>G3</th>
<th>G4</th>
<th>G6</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1 Bar)</td>
<td>(2 Bars)</td>
<td>(2 Bars)</td>
<td>(3 Bars)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>G8</th>
<th>G9</th>
<th>G10</th>
<th>G12</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4 Bars)</td>
<td>(4 Bars)</td>
<td>(5 Bars)</td>
<td>(5 Bars)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>G15</th>
<th>G18</th>
<th>G21</th>
<th>G24</th>
</tr>
</thead>
<tbody>
<tr>
<td>(6 Bars)</td>
<td>(7 Bars)</td>
<td>(8 Bars)</td>
<td>(9 Bars)</td>
</tr>
</tbody>
</table>
L-GLF100-SP

Square Profile Lite Kit for Variable Door and/or Glass Thickness

- 18 ga. cold rolled steel
- Mitered and welded corners
- Welded reinforcing clips at corners
- Countersunk mounting screw-holes
- #6 Phillips Truss Head SMS
- Gray Primer (GPZ) powder coat finish

Required Information
- Specify glass thickness on order
- Specify door thickness on order if other than 1-3/4"

Available Options
- Powder coat color options - see page L2
- False mullion bars (Page L9)
- Torx Security Screws
- Galvanneal - A40 Steel
- Zinc electro-plating
- Glass & Glazing tape - See Glass Section
- Lead lining - .030” thick lead

not to scale

1-1/4" 3/8" to 1-1/4" GLASS

HOLLOW METAL DOOR

WOOD DOOR

DOOR CUTOUT & ORDER SIZE
CUT GLASS = ORDER SIZE LESS 3/4"
EXPOSED GLASS = ORDER SIZE LESS 1 1/2"

1-1/4" 1-3/8" - 2-1/4" 3/16"

3/16"
L-GLF100-SP and L-GLF100-SP-TB
Glass and Door Combinations

Details shown are for 1-3/4" door thickness
Only Configurations shown are available
Some applications require thicker glazing tape
Thru-bolts available for 1-3/4" thick doors only
L-GLF100-TB

Thru-bolted Lite Kit for 1-3/4" Thick Doors and 3/16", 1/4", or 5/16" Glass

- 18 ga. cold rolled steel
- Mitered and welded corners
- Welded reinforcing clips at corners
- Countersunk mounting screw-holes
- Thru-bolts for 1-3/4" door
- Gray Primer (GPZ) powder coat finish

Available Options
- Powder coat color options - see page L2
- False Mullion bars (Page L9)
- Torx Security Thru-bolts
- Galvanneal - A40 Steel
- Zinc electro-plating
- Glass & Glazing tape - See Glass Section
- Lead lining - .030" thick

L-GLF100-SP-TB

Thru-bolted Lite Kit for 1-3/4" Thick Doors and Variable Glass Thickness 3/8" to 1-1/4"

- 18 ga. cold rolled steel
- Mitered and welded corners
- Welded reinforcing clips at corners
- Countersunk mounting screw-holes
- Thru-bolts for 1-3/4" door
- Gray Primer (GPZ) Powder coat finish

Required Information: Specify Glass thickness

Available Options
- Powder coat color options - see page L2
- False Mullion bars (Page L9)
- Torx Security Thru-bolts
- Galvanneal - A40 steel
- Zinc electro-plating
- Glass & Glazing tape - See Glass Section
- Lead lining - .030" thick

Designed for 1-3/4" thick Doors manufactured within door industry tolerance of +/- 1/16"
L-SG100

Self Attaching Security Grille Lite Kit for Variable Door and/or Glass Thickness

- 18 ga. cold rolled steel
- 16 ga. steel 3/4" x 3/4" security grille welded in both sides
- Mitered and welded corners
- Welded reinforcing clips at corners
- Countersunk mounting screw-holes
- #6 Phillips truss head screws
- Gray Primer (GPZ) powder coat finish

Required Information
- Specify glass thickness on order
- Specify door thickness on order if other than 1-3/4" (See page L15 for available sizes)

Available Options
- Powder coat color options - see page L2
- False mullion bars (Page L9)
- Torx security screws
- Galvanneal - A40 Steel
- Zinc electro-plating
- Glass & glazing tape - See Glass Section
- Lead lining - .030" thick

*up to 90 minutes.
L-SG100-TB

Thru-Bolted Security Grille Lite Kit for 1-3/4" Thick Doors and Variable Glass Thickness

- 18 ga. cold rolled steel
- 16 ga. steel 3/4" x 3/4" security grille welded in both sides
- Mitered and welded corners
- Welded reinforcing clips at corners
- Countersunk mounting screw-holes
- Thru-bolts for 1-3/4" door
- Gray Primer (GPZ) powder coat finish

Required Information:
- Specify glass thickness on order
  (See page L15 for available sizes)

Available Options
- Powder coat color options - see page L2
- False mullion bars (Page L9)
- Torx security Thru-bolts
- Galvanneal - A40 Steel
- Zinc electro-plating
- Glass & Glazing tape - See Glass Section
- Lead lining - .030" thick

*up to 90 minutes.
L-SG100 and L-SG100-TB
Glass and Door Combinations

Details shown are for 1-3/4" door thickness
Only Configurations shown are available
Some applications require thicker glazing tape
Thru-bolts available for 1-3/4" thick doors only

<table>
<thead>
<tr>
<th>DOOR</th>
<th>GLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3/4&quot;</td>
<td>1/8</td>
</tr>
<tr>
<td>2&quot;</td>
<td>3/8&quot;</td>
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<tr>
<td>2-1/4&quot;</td>
<td>5/8&quot;</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>1-1/8&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td>3/8&quot;</td>
</tr>
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Security Grille

<table>
<thead>
<tr>
<th>DOOR</th>
<th>GLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3/4&quot;</td>
<td>3/16&quot;</td>
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<tr>
<td>1-3/4&quot;</td>
<td>1/4&quot;</td>
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<tr>
<td>1-3/4&quot;</td>
<td>5/16&quot;</td>
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<tr>
<td>2&quot;</td>
<td>1-1/4&quot;</td>
</tr>
<tr>
<td>2-1/4&quot;</td>
<td>3/8&quot;</td>
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</tbody>
</table>

Security Grille

<table>
<thead>
<tr>
<th>DOOR</th>
<th>GLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3/4&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>1-3/4&quot;</td>
<td>7/8&quot;</td>
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<tr>
<td>3/4&quot;</td>
<td>1-1/8&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td>3/8&quot;</td>
</tr>
</tbody>
</table>

Security Grille

<table>
<thead>
<tr>
<th>DOOR</th>
<th>GLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3/4&quot;</td>
<td>5/8&quot;</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>1-1/8&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td>3/8&quot;</td>
</tr>
</tbody>
</table>

Security Grille
Stainless Steel Lite Kit for 1-3/4" Thick Doors and 3/16", 1/4", or 5/16" Glass

- 18 ga. Type 304 stainless steel
- Mitered and welded corners
- Countersunk mounting screw-holes
- Available in uneven and fractional sizes
- #8 x 1-3/4” Phillips head SMS
- #4 satin finish

Available Options
- Powder coat finish - see page L2
- Torx Security Screws
- Glass & Glazing tape - See Glass Section
- Lead Lining - .030” thick

Designed for use on 1-3/4" thick doors manufactured within door industry tolerance of +/- 1/16".
L-CVF-M-SS-SP

Stainless Steel Lite Kit for Variable Door and/or Glass Thickness

- 18 ga. cold rolled steel
- Mitered and welded corners
- Welded reinforcing clips at corners
- Counter-sunk mounting screw-holes
- #8 Phillips head SMS
- Available in uneven and fractional sizes
- #4 satin finish

Required Information
- Specify glass thickness on order
- Specify door thickness on order if other than 1-3/4"

Available Options
- Powder coat color options - see page L2
- Torx Security Screws
- Glass & Glazing tape - See Glass Section
- Lead lining - .030" thick
L-CVFM-SS-SP Glass and Door Combinations

Details shown are for 1-3/4" door thickness.
Only configurations shown are available
Some applications require thicker glazing tape
L-FRA100-ALUM

Aluminum Lite Kit
for 1-3/4" Thick Doors
and 3/16", 1/4" or 5/16" Glass

- .050 extruded aluminum
- Mitered and welded corners
- Welded reinforcing clips at corners
- Counter-sunk mounting screw-holes
- #8 x 1-3/4" Phillips head SMS
- Available in uneven and fractional sizes
- Aluminum Silver (ASL) powder coat finish

Available Options
- Powder coat color options - see page L2
- Torx Security Screws
- Glass & Glazing tape - See Glass Section
- Lead lining - .030" thick

NOT FIRE-RATED

Designed for use on 1-3/4" thick doors manufactured within door industry tolerance of +/- 1/16".
L-VGLF-WD (9" X 5")

Security Lite Kit

- 18 ga. cold rolled steel
- Mitered and welded corners
- 1-3/4" hollow metal or wood doors
- 1/2" thick high impact polycarbonate plastic
- 18 ga. steel hinged panel
- No exposed fasteners on outside of door
- Low-profile frame
- 6" x 2" exposed glass size
- #8 x 1" Oval head TEK screws
- 2.8 oz. Silicone sealant included
- Gray Primer (GPZ) powder coat finish

Available Options
- Powder coat color options - see page L2
- Torx security screws
- Zinc electro-plating

not to scale
**L-VGLF-PZ (9" X 9")**

Security Lite Kit

- 18 ga. cold rolled steel
- Mitered and welded corners
- For 1-3/4" hollow metal or wood doors
- 1/2" thick high impact polycarbonate plastic
- No exposed fasteners on outside of door
- Low-profile frame
- 6" x 6" exposed glass size
- #8 x 1" Oval head TEK screws
- 2.8 oz. Silicone sealant included
- Gray Primer (GPZ) powder coat finish

**Available Options**
- Powder coat color options - see page L2
- Torx security screws
- Zinc electro-plating

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![Diagram of the L-VGLF-PZ Security Lite Kit](image-url)
L-VGLF-MD (9" X 9")
L-VGLF-MDL (12" X 12")

Security Lite Kit

- 18 ga. cold rolled steel
- Mitered and welded corners
- For 1-3/4" hollow metal or wood doors
- 1/2" thick high impact polycarbonate plastic
- 16 ga. steel 3/4" x 3/4" security grille
- 18 ga. steel hinged panel
- No exposed fasteners on outside of door
- Low-profile frame
- 6" x 6" exposed glass size on L-VGLF-MD
- 9" x 9" exposed glass size on L-VGLF-MDL
- #8 x 1" Oval head TEK screws
- 2.8 oz. Silicone sealant included
- Gray Primer (GPZ) powder coat finish

Available Options
- Powder coat color options - see page L2
- Torx security screws
- Zinc electro-plating
L-VGLF-OG (9" X 9")

Security Lite Kit

- 18 ga. cold rolled steel
- Mitered and welded corners
- For 1-3/4" hollow metal or wood doors
- 1/2" thick high impact polycarbonate plastic
- 18 ga. steel hinged panel
- No exposed fasteners on outside of door
- Low-profile frame
- 6" x 6" exposed glass size
- #8 x 1" Oval head TEK screws
- 2.8 oz. Silicone sealant included
- Gray Primer (GPZ) powder coat finish

Available Options
- Powder coat color options - see page L2
- Torx security screws
- Zinc electro-plating
L-VGLF-SF (11” X 11”)

Security Lite Kit

- 18 ga. cold rolled steel
- Mitered and welded corners
- For 1-3/4” hollow metal or wood doors
- 1/4” thick high impact polycarbonate plastic
- 16 ga. steel 3/4” x 3/4” security grille
- 18 ga. steel hinged panel with bolt latch
- No exposed fasteners on outside of door
- Low-profile frame
- 8” x 8” exposed glass size
- #8 x 3/4” Oval head TEK screws
- 2.8 oz. Silicone sealant included
- Gray Primer (GPZ) powder coat finish

Available Options
- Powder coat color options - see page L2
- Torx security screws
- Zinc electro-plating

not to scale
L-FRA-100-RD

Round Lite Kit for 1-3/4" Thick Doors and 3/16", 1/4", or 5/16" Glass

- 18 ga. cold rolled steel
- Countersunk mounting screw-holes
- #8 x 1-3/4" Phillips head SMS
- Gray Primer

Available Options
- Powder coat color options - see page L2
- Torx security screws
- Zinc electro-plating
- Glass & Glazing tape - See Glass Section

- Available in 12", 18" and 24" sizes only
L-700-RX
No Vision Door Louver for 1-3/4" Thick Doors

- 18 ga. cold rolled steel
- Mitered and welded corners
- Welded reinforcing clips at corners
- Inverted "V" design
- Blades 24 ga. steel; hemmed edges
- Counter-sunk mounting screw-holes
- #8 x 3/4" Phillips head SMS
- Available in uneven and fractional sizes
- Free area 55%
- Gray Primer (GPZ) powder coat finish

Available Options
- Powder coat color options - see page L2
- Aluminum Insect screen - 22 ga. 1/8" square mesh installed exterior side unless requested otherwise
- Torx Security Screws
- Galvanneal - A40 Steel
- Zinc electro-plating (not available on insect screen)

Designed for use on 1-3/4" thick doors manufactured within door industry tolerance of +/- 1/16".
L-700 SERIES

No Vision Door and Partition Louver for 1-3/8", 1-3/4" up to 2-1/4" Thick Doors

- 20 ga. cold rolled steel frame
- Mitered and welded corners
- Welded reinforcing clips at corners
- Inverted "V" design
- Blades 24 ga. steel; hemmed edges
- Counter-sunk mounting screw-holes
- #8 x 3/4" Phillips head SMS
- Available in uneven and fractional sizes
- Gray Primer (GPZ) powder coat finish
- Free area 55%

Available Options
- Powder coat color options - see page L2
- Thru bolts (TB) for 1-3/4" thick doors
- Aluminum Insect screen - 22 ga. 1/8" square mesh
  installed exterior side unless requested otherwise
- Torx Security Screws
- Galvanneal A40 Steel
- Zinc electro-plating (not available on insect screen)

Install L-700-C & L-700-A using glass stop or molding
L-A700 SERIES

Aluminum No Vision Door and Partition Louver for 1-3/8", 1-3/4" up to 2-1/4" Thick Doors

- Frame .050" extruded aluminum
- Blades .050" extruded aluminum
- Mitered corners secured with reinforcing clips
- Inverted “V” design
- Counter-sunk mounting screw-holes
- #8 x 3/4" Phillips head SMS
- Available in uneven and fractional sizes
- Aluminum Silver (ASL) powder coat finish
- Free area 55%

Available Options
- Powder coat color options - see page L2
- For exterior use specify drainage weep holes
- Thru bolts (TB) for 1-3/4" door when specified
- Aluminum Insect screen - 22 ga. 1/8” square mesh installed exterior side unless requested otherwise
- Torx Security Screws

Install L-700-C & L-700-A using glass stop or molding

L-A700-C
undersized 1/4" for clearance

L-A700-A
undersized 3/16" for clearance

L-A700-B
undersized 3/16" for clearance

L-A700-BF
undersized 1/16" for clearance
L-1900

Fire-rated Fusible Link Louver
for 1-3/4" Thick Doors up to 90 minutes

- Blades close when activated by fire/heat
- 18 ga. cold rolled steel frame
- 18 ga. cold rolled steel adjustable “Z” blades
- Mitered corners secured with reinforcing clips
- Stainless Steel Spring
- 165° Fusible link
- Free area 40%
- #8 x 3/4" Phillips head SMS
- Gray Primer (GPZ) powder coat finish

Available Options
- Aluminum insect screen - 22 ga. 1/8" square mesh installed on exterior side unless requested otherwise
- Torx Security screws
- Galvanneal A40 steel

* up to 90 minutes

Size Information:
Available in whole inch increments
Minimum size: 10" x 6"
Maximum size: 24" x 30"
L-1800
Adjustable Blade Louver
for 1-3/4" Thick Doors

- Manually adjustable blades
- 18 ga. cold rolled steel frame
- 18 ga. cold rolled steel adjustable “Z” blades
- Mitered corners secured with reinforcing clips
- Free area 40%
- #8 x 3/4" Phillips head SMS
- Gray Primer (GPZ) powder coat finish

Available Options
- Aluminum insect screen - 22 ga. 1/8" square mesh installed on exterior side unless requested otherwise
- Torx Security screws
- Galvanneal A40 steel

Size Information:
Available in whole inch increments
Minimum size: 10" x 6"
Maximum size: 24" x 30"

not to scale
**L-VRSG-2, L-VRSG-3**

Vandal Resistant Security Louver for 1-3/4" Thick Doors

- 18 ga. cold rolled steel frame
- Mitered and welded corners
- Welded reinforcing clips at corners
- Inverted “V” design
- Blades 24 ga. steel, hemmed edges
- 16 ga. steel, 3/4" x 3/4" security grille
- #6 x1-3/4" Phillips Truss Head SMS
- Gray Primer (GPZ) powder coat finish
- Free area 45%

**Available Options**

- Powder coat color options - see page L2
- Thru bolts (TB) for 1-3/4" thick doors
- Aluminum Insect screen - 22 ga. 1/8" square mesh installed exterior side unless requested otherwise
- Torx Security Screws
- Galvanneal - A40 Steel
- Zinc Electro-plating (not available on insect screen)
L-75 SERIES

Darkroom Louver
for 1-3/4" up to 2-1/4" Thick Doors

- 20 ga. cold rolled steel frame
- Mitered and welded corners
- Welded reinforcing clips at corners
- Blades .040" aluminum
- Counter-sunk mounting screw holes
- #8 x 3/4" Phillips head SMS
- Available in uneven and fractional sizes
- Free area 55%
- Textured Black (TBL) powder coat finish

Available Options
- Powder coat color options - see page L2
- Thru Bolts (TB) for 1-3/4" thick doors
- Aluminum Insect screen - 22 ga.
  1/8" square mesh installed exterior side
  unless requested otherwise
- Torx Security Screws
- Zinc electro-plating (not available on insect screen)

Install L-75-A using
glass stop or molding

not to scale
L-Clips

For Optional Reinforcement of 1-3/4" Hollow Metal Doors

- 20 ga. steel
- 4" length clip
- For spot reinforcement of cut-outs in hollow metal doors

NGP Lite Kits on Fire-rated Hollow metal doors do NOT require L-clips or channels welded in the doors.

Fasteners for Lites and Louvers

- #8 OH PHILLIPS U/C SMS 410 S/S MATERIAL LENGTHS = 1-1/4", 1-3/4"
  WORKS WITH: L-FRA100, L-FRA100-SP, L-FRA100-RD, L-CVFM-SS

- #8 TH PHILLIPS SMS 410 SS MATERIAL LENGTHS = 1", 1-3/4"
  WORKS WITH: L-GLF100, L-GLF100-SP L-SG100

- #8 X 3/4" PH PHILLIPS 410SS SMS
  WORKS WITH: L-1800, L-1900

- #8 X 32 THRU-BOLT 410 S/S MATERIAL
  WORKS WITH 1-3/4" DOOR FOR; L-GLF105-TB, L-GLF100-SP-TB L-SG100-TB AND THRU BOLTED LOUVERS

- #8 X 1/2" HW TEK ZINC SCREW

- #8 X 1" OH PHILLIPS TEK ZINC SCREW WORKS WITH 1-3/4" DOOR FOR; L-VGLF-WD, L-VGLF-FZ, L-VGLF-MD, L-VGLF-MDL, L-VGLF-OG, L-VGLF-SF