



4958 Stout Drive #119  
San Antonio, TX 78219  
P: 210.662.6300  
F: 210.662.2828  
E: door@anemostat.com  
www.anemostat.com

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## Definitions

### **Vision Frames**

A lite, lite kit, window frame, door lite, vision panel, vision kit, vision lite, or window kit. All describe the same product, which is the metal or wood frame that holds the glass in place in the door. It is a pane of glass in a door that allows people to look through without needing to open the door. Usually square or rectangular, but can be manufactured in many different shapes including round, cross, triangle, half circle, hexagon or other such custom shapes.

### **Security Vision Frames**

Usually incorporates heavier gauges of steel and perforated lattice plates to fit over the glazing material to provide better protection against vandalism or heavy abuse.

**Glazing Material:** Usually 1/4" (6mm) although specially designed products can accommodate glass thicknesses from 3/16" (5mm) to 1 1/2" (38mm) on certain items.

**Door Thickness:** Usually 1 3/4" (44 mm) although some products can accommodate door thicknesses up to 2 3/8" (60 mm).

**Fire Ratings:** Many products have passed fire tests in wood and metal for use in commercial building applications. Testing has been passed in accordance with standards set forth by UL 10B (Negative Pressure), UL 10C and U.B.C. 7.2-1997 (Positive Pressure w/ Hose Stream). Some products have also passed tests in accordance with BS-476.22 (Positive Pressure w/o Hose Stream), in the U.K. All other positive pressure fire rated products ( UL 10C and U.B.C. 7.2-1997) have been evaluated to comply with the BS-476.22 (Positive Pressure w/o Hose Stream) standard by U.L. EN-1634 testing for 30/60 minute integrity and insulation is pending.

### **Door Louvers / Louvres**

May be identified as a louver, grille, door grille or louver grille. usually square or rectangular. Usually incorporates a perimeter frame on both sides of horizontal blades (core) that allows free air passage through the door louver

### **Security Door Louvers / Louvres**

Usually incorporates heavier gauges of steel and protective grilles or perforated lattice plates to fit over the louver blades to provide better protection against vandalism or heavy abuse.

**Fire Ratings:** One model incorporates the use of a fusible link in an adjustable louver that passes the requirements set forth in fire testing standards. Most louver models are not fire rated.

## **Glazing Products**

May be identified as glass, glazing, polycarbonate, lami glass, glazing tape, ceramics, annealed, tempered, decorative, single pane or double pane, Low E, or wire. All describe a family of products using transparent or translucent material, used in door assemblies and windows. May be fire rated, safety/impact rated or both. Can be sound rated, insulated, temperature rise or rated as a barrier to radiant heat. Many are used in combination with one another to satisfy a particular application