

[<- Back](#)

Product Description

Title: DOOR LIGHT FRAMES/KITS
Company: AIR LOUVERS, INC. - Commerce, CA USA
Product Information: Light frames certified for use in the indicated sizes (sq.in.) in Wood or Plastic-Faced, Composite Fire Doors or Steel Fire Doors:

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DOOR LIGHT FRAMES								
RATING	20	45	60	90	180	WOOD	COMPOSITE	STEEL
VLF - EZ	***** 1296	***** 1296	**** 100	***** 100	*****	X	X	X
VLF-EZ-1G-20	** 2792	0	0	0	0	X	0	0
VLF-EZ-1G-20	** 2647 3/4	0	0	0	0	0	0	X
VLF	1296	1296	100	100	0	X	X	X
VLF-R-12	95	95	95	95	0	X	X	X
VLF-R-18	227	0	0	0	0	X	X	X
VLF-R-24	4150	0	0	0	0	X	0	X
VLF-R1	1296	1296	100	100	0	X	X	X
VLF-RC	1296	1296	100	100	0	X	X	X
VLF-RD-18	1296	0	0	0	0	X	X	X
VLF-RD-20	1296	0	0	0	0	X	0	X
VLF-RD-24	0	0	0	0	0	0	0	0
VLF-G	1296	1296	100	100	0	X	X	X
VLF-1G-G	*** 1296	0	0	0	0	X	0	X
VLF-EZ-G	1296	1296	100	100	0	X	X	X
VLF-EZ-1G-G	1296	1296	100	100	0	X	X	X
VLF-EZ-1G-20G	** 2792	0	0	0	0	X	0	X
VLF-EZ-1G-20G	** 2647 3/4	0	0	0	0	X	0	X

VLF-1G	*** 1296	0	0	0	0	X	0	X
VLF CUSTOM	1296	1296	100	100	0	X	X	X
SLIMLINE	1292	1296	100	100	0	X	X	X
VLF-3000 ¹	2856	0	0	0	0	X	0	0
VLF-3000 ¹	0	2208	0	0	0	0	0	X
VLF-3000 ¹	0	1920	1920	552	0	0	X	0
VLF-3000 ¹	0	0	0	2208	0	0	0	X

*Manufacturer's designation

*For use with doors to 3" in thickness

**For use with Superlite 1™ 20-minute listed Clear Glass

***For use with doors 2-1/4" in thickness

****For use with ContraFlam® Glazing

*****VLF-EZ Models do not require reinforcing channels. In listed Hollow Metal Doors

¹VL3000 Light Frame Certified for use in the indicated sizes (sq.in.) in Wood, Wood Composite and Steel Fire Doors, Multiple Lites allowed. Using lights exceeding 100 sq.in. voids the temperature rise rating of the door. The VL3000 light frame must be used with labeled approved 1/4" thick wire glass and labeled Pemko FG3000 glazing compound to achieve the maximum sizes.

The VL3000 Light Frame must be used with labeled Pilkington 1/4" thick wire glass and labeled Pemko FG3000 Glazing Compound.

Rating	Door Construction	Max. Size of Individual Light (in ²)	Max. Size of Multiple Lights (in ²)	Max. Door Size Single or Pair (per Leaf)
20*	Wood Steel	2856 2856	2856 2856	48" wide x 96" high 48" wide x 120" high
45*	Steel	2856	2856	48" wide x 120" high
45*	Wood Comp. Steel	960 1008	1920 2208	48" wide x 96" high 48" wide x 120" high
60*	Wood Comp.	960	1920	48" wide x 96" high
90*	Steel	552	2208	48" wide x 120" high

* Most building codes limit glass areas to 1,296 sq.in. for 45 minute locations and 100 sq.in. for 60 and 90 minute locations. Check with local codes before specifying or ordering.

Windstorm Resistant Products & Components:			
Model No.	Configuration	Min. Door Size	Door Stiffness
VLF-IGHRC	Single Out-Swing	48" wide x 84" high	Class I
Max. Overall Size		Ratings (D. L.)	
Width (in)	Height (in)	Structural	Impact (ft-lb)

		(PSF)	
31-3/4	62	+/-70	350Missile Level "D"

- * Vision Frame must be installed in a listed windstorm resistant door.
- * All doors/walls/components must be rated and listed accordingly.

Evaluated to the following: Unless otherwise noted, all assemblies listed in this section have been evaluated for conformance to the following standards as a component part of

a Fire Door:

ASTM-E152, Methods of Fire Tests of Door Assemblies

CAN/ULC-S104, Standard Methods for Fire Tests of Door Assemblies

NFPA-252, Standard Methods of Fire Tests of Door Assemblies

UBC-43-2, Uniform Building Code

UL-10(b), Fire Tests of Door Assemblies

and are installed in accordance with the following:

NFPA-80, Fire Doors & Windows

Manufacturer's Instructions.

Listed maximum sizes of lights are based on sizes tested and may exceed local code requirements.

All assemblies are identified by a stamp bearing the WHI Certification Mark.

[<- Back](#)