



**SARGENT HC4-8700 SURFACE VERTICAL ROD  
DESIGN PRESSURE +/- 150 PSF**

**IMPACT RATING 80 FPS MISSILE LEVEL E**

**PRODUCT QUALIFIED FOR USE IN HIGH VELOCITY HURRICANE ZONE (HVHZ)  
(HVHZ-BROWARD AND MIAMI DADE COUNTIES)**

## TEST STANDARDS

ASTM	E330, E1886, E1996
TAS	201, 202, 203

## FRAMES - UL-FL 11537

DESCRIPTION	3F
CCW	N/A
LABEL	IF FIRE LABEL IS NEEDED THE FIRE AGENCY AND WIND AGENCY MUST BE THE SAME UL WINDSTORM LABEL REQUIRED, MAY BE FIRE RATED UP TO 180 MINUTES
JAMB DEPTH	5-3/4" MINIMUM - 14" MAXIMUM
PROFILE TYPE	M, G (2-5/8" FACE ON F2), CM, CG
STEEL GAUGE	16 AND 14
STEEL TYPE	COLD ROLLED, GALVANEALD, G90, STAINLESS STEEL
CONSTRUCTION	KD - WELDED AT FACTORY, DOOR GROUP SERVICE CENTER OR APPROVED WINDSTORM SECOND LOCATION
HAND	OUT SWING
ACTIVE LEAF	N/A
ANCHORS	MASONRY T, MASONRY WIRE, OR WELDED TO BUILDING STRUCTURE WELDED PIPE SPACER, WELDED WOOD STUD OR WELDED EXISTING WALL ANCHORS - WOOD STUD WALL WELDED PIPE SPACER OR WELDED EXISTING WALL ANCHORS - MASONRY WALL WELDED MULTI-PURPOSE ANCHOR OR WELDED STEEL CHANNEL ANCHORS - METAL STUD WALL HEADS REQUIRE ANCHORING
OVERALL WIDTH	100" OR SMALLER
OVERALL HEIGHT	100" OR SMALLER
DOUBLE OPENING	N/A
4" FACE HEAD	ALLOWED - OVERALL HEIGHT 100"
MFG LOCATIONS	ANY SDI MEMBERS COMPANY LOCATIONS
STRIKES/HEAD	G20, G21, AND H3B
DUTCH FRAME	N/A
SILENCERS	ALLOWED

## DOORS - UL-FL 11537

FACE TYPE	<b>FIRE RATED</b> FLUSH, 180 MINUTES UNDERWRITERS LABORATORIES
LOUVERS	N/A
LABEL	IF FIRE LABEL IS NEEDED THE FIRE AGENCY AND WIND AGENCY MUST BE THE SAME UL WINDSTORM LABEL REQUIRED; UL FIRE LABEL AS DESCRIBED IN FACE TYPE
DOOR SERIES	707, 747
DOOR EDGE	S, N, T, WELD

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**DOORS - UL-FL 11537 - FIRE RATED VISION LIGHT KIT AND GLASS WHI - FL 12537 (continued)**

<b>DOOR SERIES</b>	707, 747
<b>DOOR EDGE</b>	S, N, T, WELD
<b>STEEL GAUGE</b>	14
<b>BEVEL</b>	A
<b>TOP CAP</b>	OPTIONAL
<b>HAND</b>	OUT SWING
<b>WIDTH</b>	4'0" OR SMALLER PER LEAF
<b>HEIGHT</b>	8'0" OR SMALLER
<b>DOOR THICKNESS</b>	1-3/4" ONLY
<b>LOCK PREPS</b>	G11A ACTIVE, SURFACE BOLT (SB) INACTIVE OR G11A X G11A ALL AT 2-3/4" BACKSET
<b>UNDERCUT</b>	3/8" MAXIMUM
<b>ASTRAGAL</b>	N/A

**HARDWARE**

<b>HINGES</b>	U453, 453, H453, 503, H503 - GREATER THAN 7'6" U454, 454, H454, 504, H504 <b>PEMKO:</b> CONTINUOUS HINGES: FHMD, FMSLFHD, FMSLIHD, SPBFM AND SPBFMHD <b>MARKAR:</b> CONTINUOUS HINGES: FM300, FM3500
<b>LOCKS</b>	SURFACE BOLT - INACTIVE LEAF ONLY SVR <b>CORBIN RUSSWIN:</b> SURFACE BOLT: 988CR - INACTIVE LEAF <b>SARGENT:</b> SURFACE BOLT: 988 - INACTIVE LEAF SVR: HC4-8700 <b>SECURITRON:</b> POWER TRANSFER: CEPT, EPT, EPTL, ICPT, AND SEPT
<b>HARDWARE MULLION</b>	NOT ALLOWED
<b>CLOSER</b>	CLOSERS ALLOWED – NO CONCEALED CLOSERS OR HOLDERS ALLOWED
<b>ACCESSORIES</b>	VIEWS AND DOOR POSITION SWITCHES WITH 1" OR SMALLER HOLES OTHER AUXILIARY HARDWARE MEASURING 1.25" X 4.875"
<b>NOTE</b>	OTHER APPROVED HARDWARE MAY BE USED