

CLOSER INSTALL INSTRUCTIONS

1. At desired height, fasten jamb bracket to door frame with open side 1/4" from door. **Note:** Moving jamb bracket up to 1" away from door increases latching force but will normally reduce door opening.
2. Slide hold open washer on to rod, with short connecting pin connect closer to jamb bracket. Pull closer out slightly to position hold open washer over lugs and against tube. **Do not change until installation is complete.**
3. With door tightly closed, attach door bracket to front hole in closer with short connecting pin. Making sure closer is level hold closer and door bracket against door. Mark and drill two 1/8" holes. **Caution: Do not drill through the door.** Fasten door bracket to door using two short screws. Open door and move hold open washer back of lug on rod. Closer speed may be adjusted by turning adjusting screw on end of closer. Then install wind chain.

Door Bracket



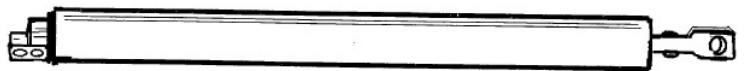
Jamb Bracket



Hold Open Washer



Closer Tube



All self-storing units come standard with FLEX-SCREEN which allows for screen removal in seconds and provides full vertical movement of both

FRENCH DOORS (Double doors)

1. Use the same procedure above, allowing approximately 1" max between the doors for installation of the astragal (center bar).
2. The astragal should be mounted on to the edge of the inactive door, the end lining up with the bottom of the expander. The two aluminum slide bolts are attached on the inside of the astragal at the top and bottom.
3. The latch will cover the edge of the astragal (a strike plate is not needed). The edge of the weatherstrip groove can be pinched or opened to adjust for latching action.



HOME GUARD®

DOORS & WINDOWS

INSTALLATION GUIDE FOR HOME GUARD ALUMI-WELD STORM DOORS

Tools & Materials You Will Need	
• Measuring tape	• Level
• Hammer	• Soft Mallet
• Pliers	• Drill Bits (9/64") & (1/8")
• Power Drill	• Square
• Utility Knife	• Pencil
• Hacksaw	• Phillips and flathead screwdrivers
Installation Screw Pack:	
(20) Painted #10 1 1/4" screws	(2) Painted #8 3/8" screws

Your door package should include the following items:

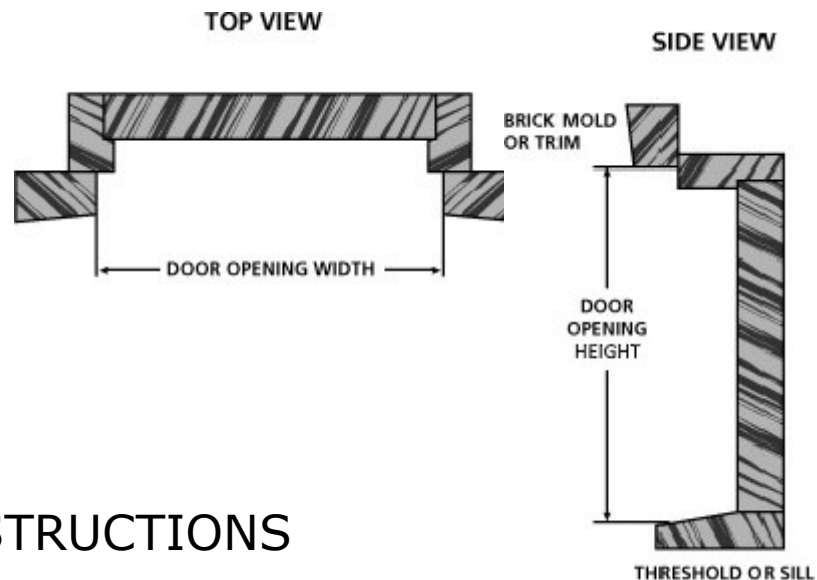
Door frame with glass and screen inserts; 1 full set of Z bar including 1 hinge rail, 1 latch rail and 1 header (pre hung on door); 1 door expander (attached to the bottom of the door); 1 package of (20) installation screws painted to match door color and (2) painted screws for expander (packaged inside the closure kit); plastic retaining clips & screws to hold glass and screen inserts (installed on door).

Note: Self Storing models do not require polycarbonate clips.

HOW TO MEASURE

DOOR SIZE	ACTUAL SIZE	MIN. OPENING	MAX. OPENING
30" width	29 3/16"	29 5/8"	30 1/4"
32" width	31 3/16"	31 5/8"	32 1/4"
36" width	35 3/16"	35 5/8"	36 1/4"
80" height	79 3/16" w/ expander	79 1/2"	80 3/4"

Measure the Opening Width at the top, middle, and bottom of the opening; Measure the Opening Height at the middle and both sides of the opening; record the **smallest** measurement for both.



INSTALLATION INSTRUCTIONS

1. Remove door from packaging, then remove the glass & screen inserts. Be careful not to let the inserts drop out. Remove expander from bottom of door. Note: Self-storing styles do not require removing glass and screen, but removing them will make the door easier to install. Re-install glass and screen after unit is installed.
2. Measure the opening height on the hinge and latch side of the entryway, then subtract a 1/4". Cut the bottom end of the hinge and latch rails to that size. Make sure the weather stripping is pushed all the way up the z-bar before cutting. Note: Use the provided cardboard packaging to prevent scratching of the door while cutting the z-bar. If your entryway threshold is sloped on an angle, be sure to cut the bottom of the hinge and latch rails on an angle to match the threshold.
3. With the glass and screen removed, install pre-hung unit into the center of the opening. Using a painted screw, attach the hinge rail to the door frame. Check to make sure the hinge rail is straight and plumb, then using a 9/64" drill bit, pre-drill holes and use (6) 1 1/4" #8 painted screws to attach the hinge rail completely.
4. Using a 9/64" drill bit, pre-drill holes through the pre punched header rail to the door frame. Allow approximately a 1/16" clearance across the top of the door. (See Figure 1) Fasten the header rail to the door frame with (2) 1 1/4" #8 painted screws. (See Figure 1)

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DOORS & WINDOWS

5. Once hinge side Z-bar is attached remove the screw from the bottom of latch side Z-bar that secures door to Z-bar during shipping.
6. Close the door and adjust the latch rail to maintain a 1/8" reveal between the door and the latch rail. Using a 9/64" drill bit, pre-drill holes and screw the latch rail to the door frame with (6) 1 1/4" #8 painted screws.
7. Open the door and install the (4) painted 1 1/4" #8 screws through the pre-drilled holes on the inside face of the hinge rail. Space behind the hinge rail may be shimmed but is not necessary. Do not over-tighten these screws as they may prevent the door from operating properly.
8. Check the hinge rail for binding by opening and closing the door. The door should close smoothly and remain closed if it is adjusted correctly. If the door springs out and will not remain shut, adjust the 8 screws in edge of the hinge rail to eliminate any binding.
9. Before installing the sill expander on the bottom of the door secure the sweep by crimping each end of the groove with a pair of pliers. Close the door and adjust the expander so the sweep is just touching the sill and not binding. Using a 9/64" drill bit, pre-drill holes and install two painted #8 x 3/8" screws in the center of the slots on the inside face of the expander.
10. Install lock hardware (If using a Mortise lock and deadbolt, you must route out brick mold for the deadbolt throw to engage all the way and operate.)
11. Install closer (See back page)

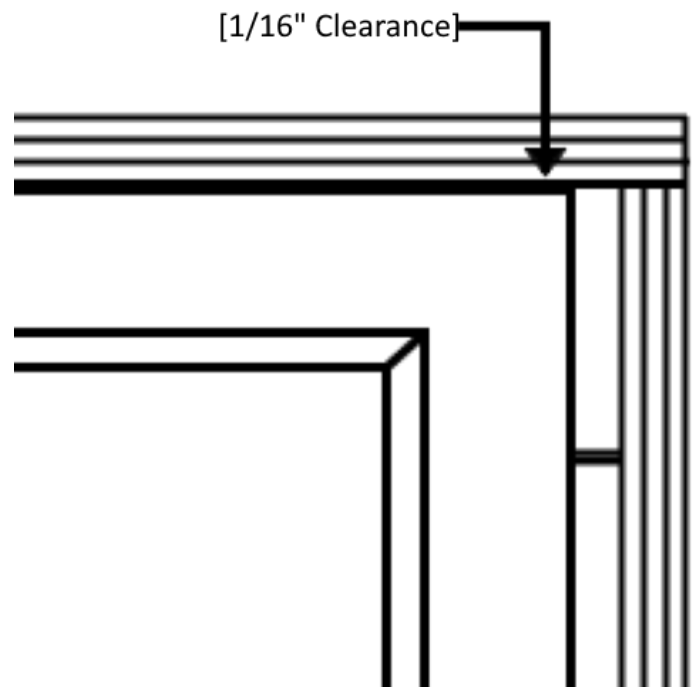


FIGURE 1