CHAPTER 17

WOOD AND CLAD SAFE-T-PLUS PATIO DOORS INDEX

NOTICE

Marvin Windows and Doors discontinued the sale of Safe-T-Plus Doors in August of 1998. Marvin will continue to provide full support with a complete line of hardware, wood parts, replacement sash and glass, as specified by the Marvin warranty.

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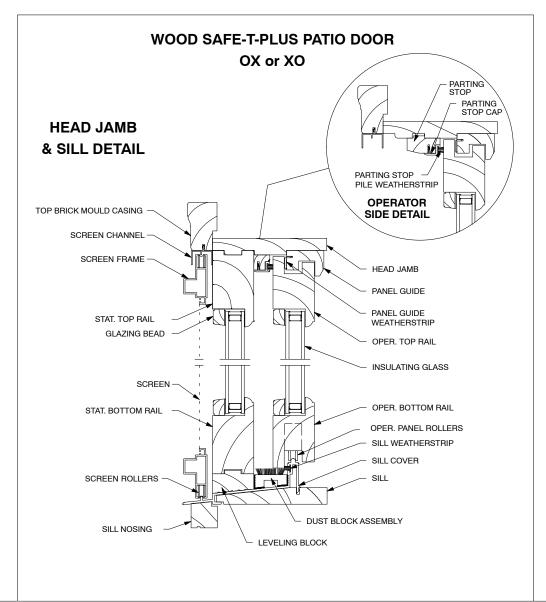
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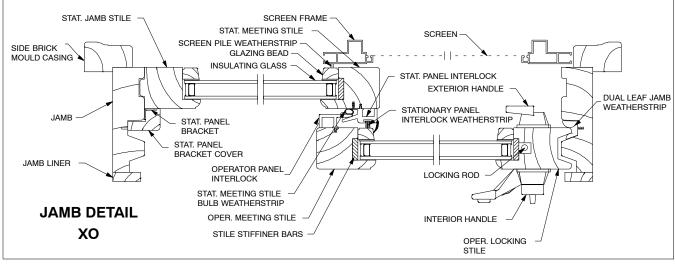
- Specification and technical data are subject to change without notice.
- Numbers listed in parentheses () are metric equivalents in millimeters rounded to the nearest whole number.



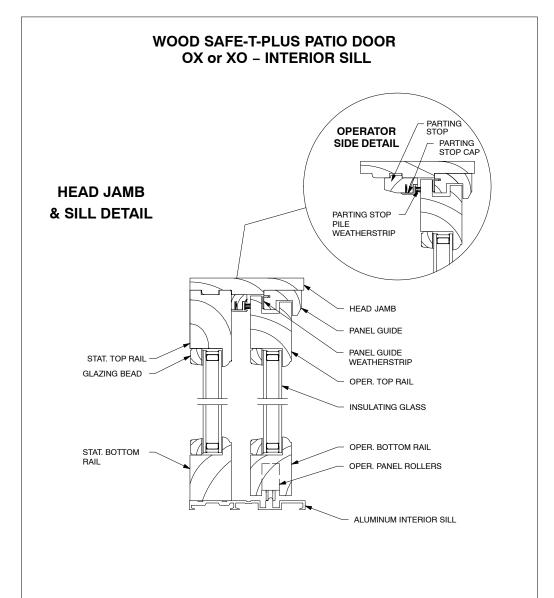
RODUCED	UNIT TYPE	FEATURES OR CHANGES	DISCONTINUE
1965	Wood Patio Door	Unit featured oak sill with aluminum track, mortise lock with keyed cylinder and horizontal slot opening, wood surround screen, 5/8" insulating glass, brushed chrome exterior handle and brushed chrome with wooden insert interior handle. Unit was shipped 'knocked down' (KD). Door operation was not reversible.	1975
1975	Wood Patio Door	Patio door redesign featured a reversible panel door, aluminum surround screen, aluminum sill, adjustable plastic screen roller (70-1), black handles and mortise lock with diagonal slot opening. Unit was shipped KD.	1980
		Aluminum sill introduced.	1979
1979	Wood Patio Door	Brown Lexan sill introduced.	1991
1980	Wood Safe-T-Plus Patio Door	Mortise lock changed to Safe-T-Plus hardware with locking rods at the operating panels. Bronze 'T' shaped, metal handles feature wooden (interior) insert with optional keyed cylinder. 3/4" insulating glass standard. Standard sizes included an 8-0 height. Door available 'set up' as standard, KD optional.	1998
1981	Wood Safe-T-Plus Patio Door	'Retro' sizes added (3" narrower and 3" shorter than standard (full size) Patio door). Call numbers were 500, 600, 800.	1988
1982	Safe-T-Plus Marv-A-Gard Patio Door	Unit features extruded aluminum clad exterior, 'retro' sizing, Safe-T-Plus hardware with locking rods at the operating panels. Bronze 'T' shaped, metal handles feature wooden (interior) insert with optional keyed cylinder. 1" insulating glass standard. (The term Marv-A-Gard was discontinued in 1986).	1998
		Doors identified by call numbers MG 500, MG 600 and MG 800.	1988
1982	Patio Door Screen	In the early to mid 1980s several different screen rollers were used in the patio door line. To determine what is currently available for replacement consult the Screen and Screen Parts and Obsolete Screen Parts pages of this section.	
1988	Clad Safe-T-Plus	8-0 height added to Clad Safe-T-Plus Patio Door line.	1998
	Patio Door	Call numbers changed to CR 5068, CR 6068 AND CR 8068. (RO did not change).	1992
1991	Wood and Clad Safe-T-Plus Patio Door	Sill changed from brown to beige. External component parts changed to beige.	1998
1992	Clad Safe-T-Plus Patio Door	Call numbers changed to CN 5080, CN 6080 and CN 8080. (RO did not change)	1998
1993	Wood Safe-T-Plus Patio Door	Simulated divided lite introduced (not available in clad Safe-T-Plus).	1998
1995	Clad Safe-T-Plus Patio Door	Factory applied clad brick mould casing introduced.	1998
1998	Safe-T-Plus Patio Door	Door line discontinued. Trimline enhanced to replace.	1998

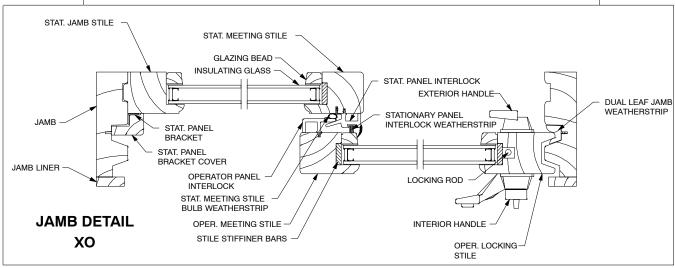




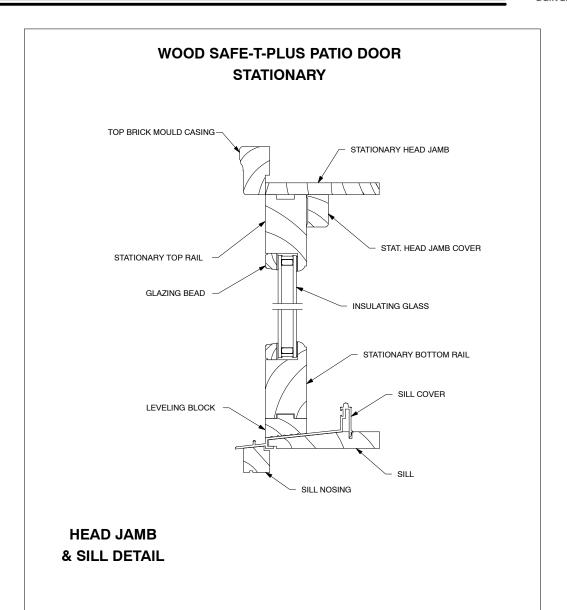


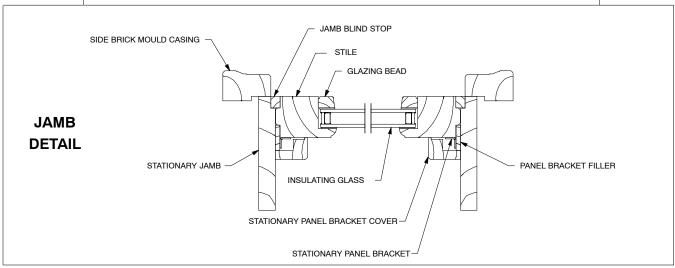








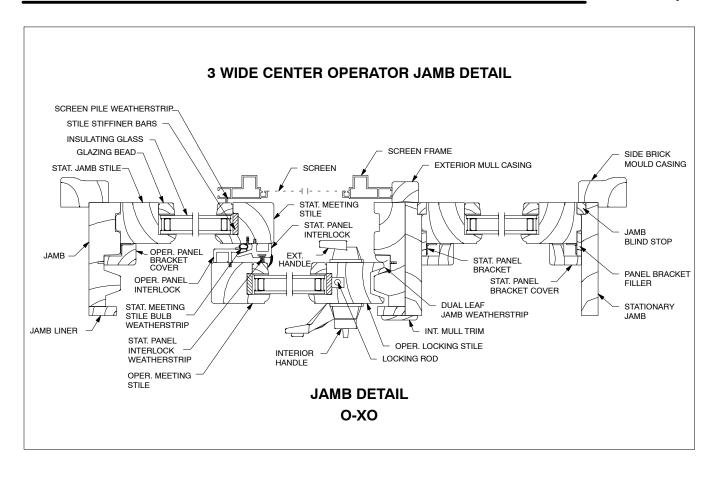




PART IDENTIFICATION

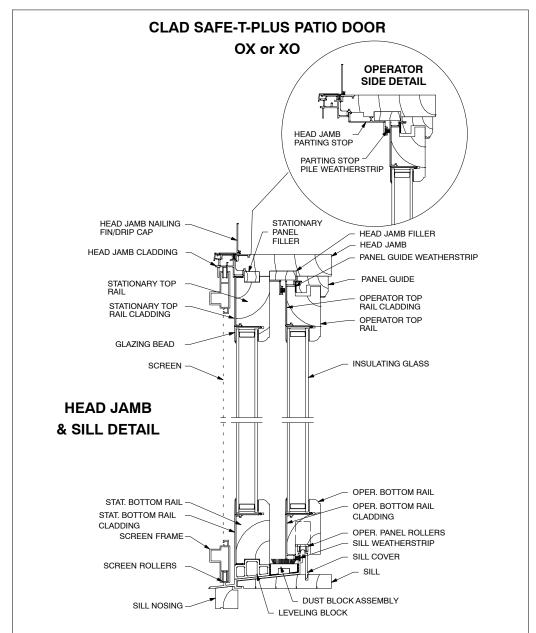


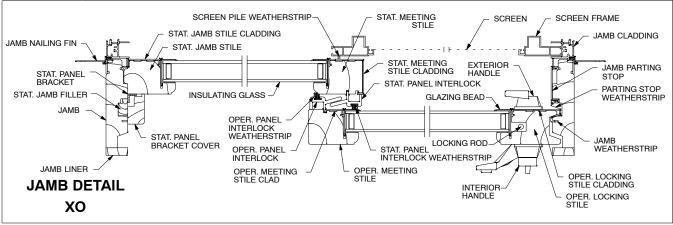
Built around you.



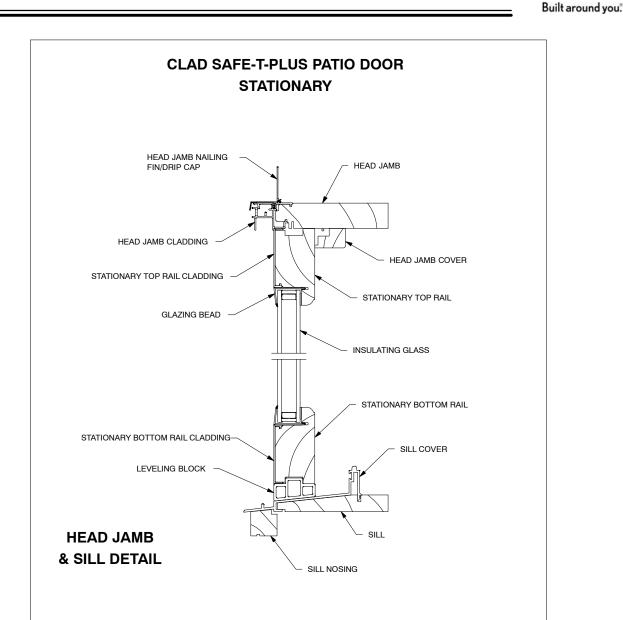


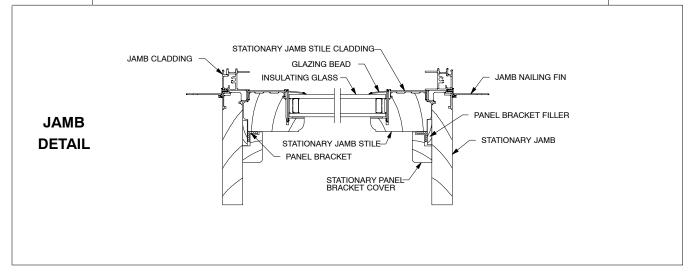
Built around you.













SAFE-T-PLUS PATIO DOOR

When ordering replacement Safe-T-Plus Patio door parts specify:

- 1. type of unit;
- 2. part number;
- 3. description.

ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
	Handle, Non-Keyed, Interior Includes: 1 – Interior handle 2 – #10 24 x 1 3/4" Phillips ovalhead wood screws	BZ WH	N/A N/A
	Handle, Non-Keyed, Exterior Includes: 1 – Exterior handle 2 – #10-24 x 1 3/4" Phillips ovalhead wood screws	BZ WH	N/A N/A
	Keyed Cylinder NOTE: For above handles only.		N/A
	Thumb Turn	BZ	N/A
	Actuator Pin		N/A
	Nylon Washer	WH	N/A
	Metal Retainer Ring		N/A
	Locking Button	ВК	N/A
	Slide Lock Retainer Clip		N/A

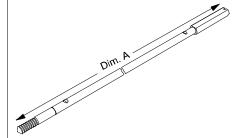


ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
Interior (E) (B) (E) (C) (F) (E) Exterior	Handle Package, Keyed, Brass		NA
	Mortise Lock		N/A
Small (used before 2002)	Operator Panel Roller (Tandem – Adjustable) MISC 019 Includes: 1 – Operator panel roller 2 – #8x1" Phillips flathead wood screws	Small Small SS Large Large SS	10820000 NA 10820001 10820002
	Bumper Assembly		NA
	Guide Plate Includes: 1 – Guide plate 2 – #8x3/4" Phillips flathead wood screws	ZYD	10830005
	Bolt Guide	ZYD	NA
	Keeper, Upper Includes: 1 - Keeper 2 - #10-24x1" Phillips flathead machine screws (wood) 2 - #10-24x1 1/2" Phillips flathead machine screws (clad) NOTE: Specify for clad or wood units	BG	10830040



ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
	Keeper, Lower Includes: 1 - Keeper 2 - #10-24x3/4" Phillips flathead machine screws	BG	10830041
	Straight Angle Bracket (Top) MISC 014 Includes: 1 – Straight angle bracket 2 – #7x1 1/4" Phillips flathead wood screws (panel) 2 – #8x1" Phillips flathead wood screws (head jamb)	BG	11100101
	Adjustable Angle Bracket (Bottom) MISC 451 Includes: 1 - Adjustable angle bracket 2 - #7x1 1/4" Phillips flathead wood screws (panel) 1 - #8x2 3/4" Phillips flathead wood screws (sill)	BG	11100102
	Stationary Panel Bracket MISC 2246 Includes: 1 – Stationary panel bracket 4 – #7x7/8" Phillips flathead wood screws	ZYD	Contact your Marvin representative
	Chrome Plug		No longer available

Locking Rod



Height	Top Locking Rod Length	Bottom Locking Rod Length	Part Number
CN 6-5	35 29/32"	35 29/32" (912)	No longer available
CN 6-8	37 13/32"	37 13/32" (950)	10830003
CN 8-0	53 13/32"	53 13/32" (1357)	10830013

NOTE: For special heights give dimension A and contact your Marvin representative for pricing.

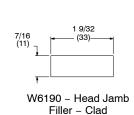
REPLACEMENT WOOD PARTS



Built around you."

CURRENT REPLACEMENT WOOD PARTS

	Clad	Wood
Head Jamb Filler	W6190	
Stationary Head Jamb Cover		W7246
Stationary Jamb and Head Jamb Cover	W7260	
Stationary Panel Bracket Cover	W7262	W7248
Panel Guide	W7250	W7250
Stationary Jamb Filler	W7264	
Stationary Panel Filler	W6090	
Stationary Panel Bracket Filler	W6130	W6130
Jamb Liner	W6140	W6160
Stationary Jamb Blind Stop		W6040
Leveling Block		W7242
Sill Nosing	W7224	W7224
Parting Stop		W7252
Mullion Casing		W1082



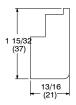
(OX or XO)



W7246 - Stationary Head Jamb Cover -Wood (O)



W7260 - Stationary Jamb and Head Jamb Cover - Clad (O)



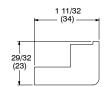
W7262 – Stationary Panel Bracket Cover – Clad (OX or XO)



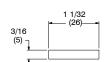
W6090 - Stationary Panel Filler - Clad (OX or XO)



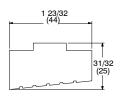
W6040 – Jamb Blind Stop – Wood (O)



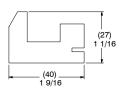
W7248 – Stationary Panel Bracket Cover – Wood (O, OX or XO)



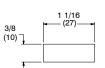
W6130 - Panel Bracket Filler (O)



W7242 – Leveling Block – Wood (O, OX or XO)



W7250 - Panel Guide (OX or XO)



W6140 - Jamb Liner - Clad (OX or XO)



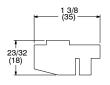
W7224 – Sill Nosing (O, OX or XO)



W7264 – Stationary Jamb Filler – Clad (OX or XO)



W6160 - Jamb Liner - Wood (OX or XO)

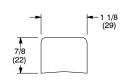


W7252 - Parting Stop - Wood (OX or XO)

TO ORDER REPLACEMENT WOOD PARTS

When ordering replacement wood parts specify:

- 1. profile number;
- 2. call number or rough opening;
- 3. handing;
- 4. length;
- 5. finish.

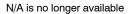


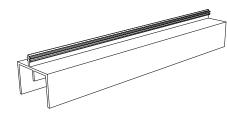
W1082 - Mullion Casing



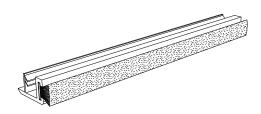
ORDERING REPLACEMENT VINYL, ALUMINUM OR FIBERGLASS PARTS FOR THE SAFE-T-PLUS PATIO DOOR

	Clad	Wood
Screen Channel		V253/V310
Parting Stop Cap – Beige		V292
Sill Assembly – Beige	N/A	N/A
Leveling Block - Beige	V765	
Head Jamb Parting Stop	A603	
Jamb Parting Stop	A604	

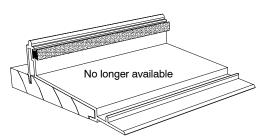




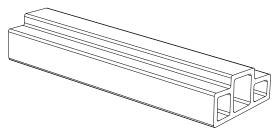
V253 - Screen Channel (Brown or Pebble Gray) V310 - Screen Channel (White)



V292 - Parting Stop Cap



V668 - Sill Assembly



V765 - Leveling Block

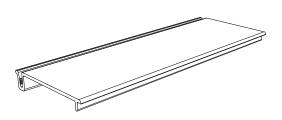


A603 - Head Jamb Parting Stop

TO ORDER REPLACEMENT PARTS

When ordering replacement parts specify:

- 1. unit type (wood or clad);
- 2. profile number;
- 3. size (call number or rough opening);
- 4. length;
- 5. handing;
- 6. finish (where applicable).



A604 - Jamb Parting Stop

PANEL REPLACEMENT



ORDERING REPLACEMENT PANELS FOR THE SAFE-T-PLUS PATIO DOOR

To order replacement panels specify:

1. size (call number or OM of panel); 4. glazing;

2. operator or stationary; 5. finish;

3. handing (OX, XO, or O);

NOTE: STATIONARY panels include leveling block and interlock. OPERATOR panels include rollers, complete interlock and weather strip.

CLAD AND WOOD SAFE-T-PLUS DOOR

CN	Panel OSI	M Operator	Panel OS	M Stationary	Pane	I DLO
	Width	Height	Width	Height	Width	Height
5065	29 7/8"	76 5/8"	29 1/16"	77 1/8"	24 1/4"	70 3/4"
6065	35 7/8"	76 5/8"	35 1/16"	77 1/8"	30 1/4"	70 3/4"
8065	47 7/8"	76 5/8"	47 1/16"	77 1/8"	42 1/2"	70 3/4"
5068	31 3/8"	79 5/8"	30 9/16"	80 1/8" wood	25 3/4"	73 3/4"
6068	37 3/8"	79 5/8"	36 9/16"	80 1/8" wood	31 3/4"	73 3/4"
8068	49 3/8"	79 5/8"	48 9/16"	80 1/8" wood	43 3/4"	73 3/4"
8/0 Height		95 5/8"		96 1/8"		89 3/4"

- Units will have:

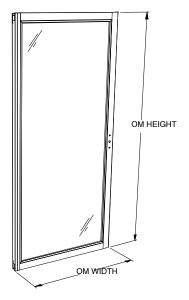
 2 15/16" top and bottom rails and 2 15/32" stiles.

 Wood units get 3/4" glass, clad units get 1" glass.

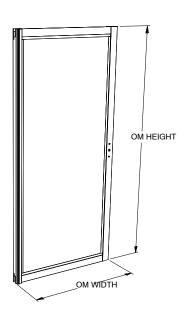
 Wood units are available in 6/8 and 8/0 heights.

 Clad units are available in 6/5 and 8/0 heights.

- Heights shown are with no leveling block. For height with leveling block, add 13/16" for wood units and 23/32" for clad units.



Wood Operating Panel Exterior View



Clad Operating Panel Exterior View

WEATHER STRIP



When ordering replacement weather strip specify:

- 1. quantity;
- 2. length;
- 3. part number;
- 4. description.

WOOD AND CLAD

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NUMBER
	Dust Block Assembly		NA
	Pile Weather Strip, Sill and Parting Stop 17/64" x 21/64" Color: Beige	Specify Length	11107533
	Pile Weather Strip, Interlock and Dust Block 17/64" x 29/64" Color: Beige	Specify Length	11107546
	Head Jamb Dust Plug Note: Metal Backed Color: Gray 1 1/8" x 3/8" x 2 5/8"		NA
	Leaf Weather Strip, Operator Panel Guide V115 Beige		NA

CLAD

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NUMBER
	Leaf Weather Strip, Jamb and Parting Stop V245 Color: Beige	150″	15189999
	Interlock, Stationary and Operating Panel V166		NA

WEATHER STRIP



WOOD

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NUMBER
	Dual Leaf Weather Strip, Jamb V626 Color: Beige	144″	N/A
	Bulb Weather Strip, Stationary Meeting Stile V192 – Beige		N/A
	Interlock, Operating Panel V713 Color: Beige Attached with #6x1 1/2" Phillips flathead wood screws	95 5/8″	N/A
	Interlock, Stationary Panel V475		N/A

PARTS - SCREENS & SCREEN PARTS



ORDERING REPLACEMENT SCREENS FOR SAFE-T-PLUS PATIO DOOR

Screens are available with aluminum surround and charcoal colored fiberglass 18 x 16 screen mesh. Aluminum mesh is available as an option in black, charcoal, bright aluminum or bright bronze. Determine the outside measurement of the existing screen. Find the sizes that correspond to the width and height indicated on the following charts. Surrounds are available in bronze, white, brown and pebble gray.

When ordering replacement screen specify:

- 1. size; If there is no existing screen from which to obtain the OM of the screen, determine the size of the screen by using measurement conversion charts below. The daylight opening is the measurement of the visible glass.
- 2. color;
- 3. mesh type (if other than standard);
- 4. handing.

Wood Safe-T-Plus Patio Door Units manufactured 1980 – Present and CN 6-5 height sizes manufactured between 1981 – 1988.

Daylight Opening to OM of Screen

Daylight Width + 5 1/4'' = OM Width of Screen Daylight Height + 7 1/16'' = OM Height of Screen

	WIDTH		HEIGHT	
SIZE		OM-WIDTH	SIZE	OM-HEIGHT
CN 5-0	(6-5 ht)	29 1/2"	CN 6-5	77 13/16"
CN 6-0	(6-5 ht)	35 1/2"		
CN 8-0	(6-5 ht)	47 1/2"		
CN 5-0	(6-8, 8-0 ht)	31″	CN 6-8	80 13/16"
CN 6-0	(6-8,8-0 ht)	37"	CN 8-0	96 13/16"
CN 8-0	(6-8,8-0 ht)	49"		

Clad Safe-T-Plus Patio Door Units manufactured 1982 – Present

Daylight Opening to OM of Screen

Daylight Width + $4 \frac{1}{2}$ " = OM Width of Screen Daylight Height + $7 \frac{1}{2}$ " = OM Height of Screen

WIDTH		HEIGHT		
SIZE		OM-WIDTH	SIZE	OM-HEIGHT
CN 5-0	(6-5 ht.)	28 3/4"	CN 6-5	78 1/4"
CN 6-0	(6-5 ht.)	34 3/4"		
CN 8-0	(6-5 ht.)	46 3/4"		
CN 5-0	(8-0 ht)	30 1/4"	CN 8-0	97 1/4"
CN 6-0	(8-0 ht)	36 1/4"		
CN 8-0	(8-0 ht)	48 1/4"		

PARTS - SCREENS & SCREEN PARTS



ORDERING REPLACEMENT SCREENS FOR SAFE-T-PLUS PATIO DOOR

Wood Safe-T-Plus Patio Door Units with aluminum sill manufactured between 1975 – 1980

Daylight Opening to OM of Screen

Daylight Width + $5 \frac{1}{4}$ " = OM Width of Screen Daylight Height + $7 \frac{1}{16}$ " = OM Height of Screen

WIDTH		HEIGHT		
SIZE	OM-WIDTH	SIZE	OM-HEIGHT	
CN 5-0	31"	CN 6-8	80 13/16"	
CN 6-0	37"	CN 8-0	96 13/16"	
CN 8-0	49″			

Wood Patio Door Units with oak sill manufactured before 1975

Contact your Marvin representative to order a screen for wood patio doors with oak sills manufactured before 1975.

PARTS - SCREENS AND SCREEN PARTS



SAFE-T-PLUS PATIO DOOR SCREEN DOOR PARTS

The following parts are used on Safe-T-Plus Door screens. When ordering replacement parts specify:

- 1. part number;
- 2. quantity.

ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
(C) (D) (B)	Interior Handle Assembly Includes: 1 - Interior handle - black (A) 1 - Slide (B) 1 - Spring (C) 1 - Latch (D) 3 - Rivets		No longer available
(A) (B) (C) (D)	Strike Hardware Package Includes: 1 - Strike (A) 2 - Spacers (B) 4 - Colored plugs (C) 2 - Shims (D) 2 - #4x3/4" Phillips panhead wood screws (strike)	PB	No longer available
	Strike Includes: 1 - Strike 2 - #4x3/4" Phillips roundhead wood screws		No longer available
	Screen Roller (with gear) NOTE: Entire housing is not replaceable.		No longer available
	Pile Weather Strip, Screen 17/64" x 29/64" Specify Length	BG	11107546

ENERGY PANELS AND PARTS



ORDERING REPLACEMENT ENERGY PANELS FOR SINGLE GLAZED ADL WOOD SAFE-T-PLUS PATIO DOOR

If you are replacing an existing energy panel, determine the outside measurement of the existing energy panel. Find the sizes that correspond to the width and height indicated on the following chart. Energy panels are available for single glazed ADL wood Safe-T-Plus doors only. Aluminum surrounds are available in bronze, white, brown or pebble gray.

When ordering energy panels specify:

- 1. size; If there is no existing EP from which to obtain the OM of the panel, determine the size of the EP by using the conversion chart below. The daylight opening is the measurement of the visible glass.
- 2. color of surround;
- 3. tempered glass type;
- 4. handing.
 - A) OX or XO, Stationary or Operating Panel
 - B) O, Stationary Panel

Wood Safe-T-Plus Patio Door Units manufactured 1980 – Present 6-5 height sizes manufactured between 1981 – 1988.

Daylight Opening to OM of EP

Daylight Width + 1 3/8" = OM Width of EP Daylight Height + 1 7/16" = OM Height of EP

NOTE: OM should not include lip.

WIDTH			HEIGHT	
SIZE		OM-WIDTH	SIZE	OM-HEIGHT
CN 5-0	(6-5 ht)	25 5/8"	CN 6-5	72 3/16"
CN 6-0	(6-5 ht)	31 5/8"	CN 6-8	75 3/16"
CN 8-0	(6-5 ht)	43 5/8"	CN 8-0	91 3/16"
CN 5-0		27 1/8"		
CN 6-0		33 1/8"		
CN 8-0		45 1/8"		

WOOD SAFE-T-PLUS ENERGY PANEL PARTS

Energy panels are attached with metal Z-Clips.

When ordering energy panel parts specify:

- 1. quantity;
- 2. description;
- 3. part number.

ILLUSTRATION NOT TO SCALE	DESCRIPTION	PART NUMBER
	Z-Clip with #8x3/4" Phillips Flathead Screw	No longer available

NOTE: EP surround (only) not available.



ILLUSTRATION DESCRIPTION OPER./COLOR PART NO. NOT TO SCALE **Universal Replacement Handle** BK with (10830000)Check for **Assembly** wood insert availability Replacement handle assembly for Patio doors manufactured between 1965 and 1980. NOTE: Replace brushed chrome handle used between 1965-1975. **Mortise Lock** Used on Patio doors manufactured Check between 1965 and 1980. availability **Keyed Cylinder (Weiser Keyway)** Used on Patio doors manufactured No longer between 1965 and 1980. Includes: available 1 - Keyed cylinder 2 - Keys Straight Angle Bracket (Top) ZYD No longer available Can be replaced with 11100101 BG **Adjustable Angle Bracket** ZYD No longer (Bottom) available Replaced with 11100102 BG Sill Assembly Used between 1979 - 1991 No longer BN available

OBSOLETE WEATHER STRIP



When ordering replacement weather strip specify:

- 1. date of manufacture;
- 2. sill type;
- 3. quantity;
- 4. description.

1965 - 1975

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.
	Bottom U-Channel Weather Strip	Specify Length	N/A
	Operator Jamb Weather Strip	Specify Length	N/A
	Operator Panel Meeting Stile Weather Strip	Specify Length	N/A
	Top Rail Weather Strip	Specify Length	N/A
	Stationary Panel Meeting Stile Weather Strip	Specify Length	N/A

1965 - 1980

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.
	Interlock Pile Weather Strip	Specify Length	N/A

1975 - 1980

ILLUSTRATION NOT TO SCALE	DESCRIPTION	LENGTH	PART NO.
	Operator Jamb Weather Strip	Specify Length	N/A

PARTS - DISCONTINUED SCREEN PARTS



SAFE-T-PLUS PATIO AND PATIO DOOR SCREEN PARTS

The following are discontinued Safe-T-Plus and Patio Door screen parts. Complete screen door replacements is recommended.

1984 - 1989

ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
	Roller Assembly		No longer available
	Roller Adjustment Screw		No longer available

1983 - 1984

ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
	Roller Assembly		No longer available
	Roller Adjustment Screw		No longer available
	Spring		No longer available

1983 - 1984

ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
	Roller Assembly		No longer available

PARTS - DISCONTINUED SCREEN PARTS



1975 - 1982

ILLUSTRATION NOT TO SCALE	DESCRIPTION	OPER./COLOR	PART NO.
	Interior Handle	BZ WH	No longer available
	Exterior Handle Package Includes: 1 - Exterior Handle 1 - Strike 05570433 2 - #4 x 3/4" Phillips trusshead screws (strike) 2 - #7 x 1/2" Phillips trusshead sheet metal screws (handle)	BZ WH	No longer available
	Strike Includes: 1 - Strike 2 - #4x3/4" Phillips trusshead screws		No longer available
70-1	Roller Assembly 70–1		No longer available
	Roller Adjustment Screw		No longer available

PRIOR TO 1975

Top Roller	No longer available
Bottom Roller	No longer available