





































**CASEMENT**

MO (mm)	1' - 6" (457)	2' - 0" (610)	2' - 6" (762)	3' - 0" (914)
RO (mm)	1' - 6" (457)	2' - 0" (610)	2' - 6" (762)	3' - 0" (914)
FS (mm)	1' - 5 1/2" (445)	1' - 11 1/2" (597)	2' - 5 1/2" (749)	2' - 11 1/2" (902)
DLO (mm)	11 53/64" (300)	17 53/64" (453)	23 53/64" (605)	29 53/64" (757)
1' - 11 3/4" (603) 2' - 0" (610) 1' - 11 1/2" (597) 17 53/64" (453)	 ESCA1620	 ESCA2020	 ESCA2620*	 ESCA3020*
2' - 5 3/4" (756) 2' - 6" (762) 2' - 5 1/2" (749) 23 53/64" (605)	 ESCA1626	 ESCA2026	 ESCA2626*	 ESCA3026*
2' - 11 3/4" (808) 3' - 0" (914) 2' - 11 1/2" (902) 29 53/64" (757)	 ESCA1630	 ESCA2030	 ESCA2630*	 ESCA3030*
3' - 5 3/4" (1060) 3' - 6" (1067) 3' - 5 1/2" (1054) 35 53/64" (910)	 ESCA1636	 ESCA2036	 ESCA2636*	 ESCA3036 E*
3' - 11 3/4" (1213) 4' - 0" (1219) 3' - 11 1/2" (1207) 41 53/64" (1082)	 ESCA1640	 ESCA2040	 ESCA2640 E*	 ESCA3040 E*
4' - 5 3/4" (1365) 4' - 6" (1372) 4' - 5 1/2" (1359) 47 53/64" (1215)	 ESCA1646	 ESCA2046	 ESCA2646 E*	 ESCA3046 E*
4' - 11 3/4" (1518) 5' - 0" (1524) 4' - 11 1/2" (1511) 53 53/64" (1367)	 ESCA1650	 ESCA2050	 ESCA2650 E*	 ESCA3050 E*
5' - 5 3/4" (1670) 5' - 6" (1676) 5' - 5 1/2" (1664) 59 53/64" (1519)	 ESCA1656	 ESCA2056	 ESCA2656 E*	 ESCA3056 E*
5' - 11 3/4" (1822) 6' - 0" (1829) 5' - 11 1/2" (1816) 65 53/64" (1672)	 ESCA1660 T	 ESCA2060 T	 ESCA2660 ET*	 ESCA3060 ET*

Details and Elevations not to scale.

Special sized units available within product size matrix. See your Marvin retailer.

E = These windows meet National Egress Codes for fire evacuation. Local codes may differ.

T = Standard Tempered

Obscure Glass option available on all units.

GBG available in standard rectangular lite cut, shown above. Other GBG lite cuts shown on page 3.

See page 52 for specific PG Ratings.



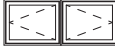







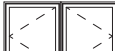
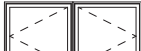


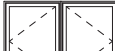
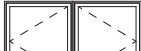




















\* These units may optionally include a window opening control device tested to ASTM F2090-10, which can be released from the inside without the use of a key, tool, special knowledge, or force greater than that required for normal unit operation.

For further details and drawings visit the 'Tools and Documents' section at Marvin.com.

# CASEMENT

## 2 Wide

<b>MO (mm)</b>	3' - 0" (914)	4' - 0" (1219)	5' - 0" (1524)	6' - 0" (1829)
<b>RO (mm)</b>	3' - 0" (914)	4' - 0" (1219)	5' - 0" (1524)	6' - 0" (1829)
<b>FS (mm)</b>	2' - 11 1/2" (902)	3' - 11 1/2" (1207)	4' - 11 1/2" (1511)	5' - 11 1/2" (1816)

1' - 11" 3/4" (603) 2' - 0" (610) 1' - 11 1/2" (597)	 ESCA1620	 ESCA2020	 ESCA2620*	 ESCA3020*
2' - 5 3/4" (756) 2' - 6" (762) 2' - 5 1/2" (749)	 ESCA1626	 ESCA2026	 ESCA2626*	 ESCA3026*
2' - 11 3/4" (908) 3' - 0" (914) 2' - 11 1/2" (902)	 ESCA1630	 ESCA2030	 ESCA2630*	 ESCA3030*
3' - 5 3/4" (1060) 3' - 6" (1067) 3' - 5 1/2" (1054)	 ESCA1636	 ESCA2036	 ESCA2636*	 ESCA3036 E*
3' - 11 3/4" (1213) 4' - 0" (1219) 3' - 11 1/2" (1207)	 ESCA1640	 ESCA2040	 ESCA2640 E*	 ESCA3040 E*
4' - 5 3/4" (1365) 4' - 6" (1372) 4' - 5 1/2" (1359)	 ESCA1646	 ESCA2046	 ESCA2646 E*	 ESCA3046 E*
4' - 11 3/4" (1516) 5' - 0" (1524) 4' - 11 1/2" (1511)	 ESCA1650	 ESCA2050	 ESCA2650 E*	 ESCA3050 E*
5' - 5 3/4" (1670) 5' - 6" (1676) 5' - 5 1/2" (1664)	 ESCA1656	 ESCA2056	 ESCA2656 E*	 ESCA3056 E*
5' - 11 3/4" (1822) 6' - 0" (1829) 5' - 11 1/2" (1816)	 ESCA1660 T	 ESCA2060 T	 ESCA2660 ET*	 ESCA3060 ET*

### MULTIPLE ASSEMBLIES

Multiple assemblies can be factory mullied.

MAXIMUM ROUGH OPENING not to exceed 114" x 78". Maximum up to 6 units wide by 1 unit high.

MAXIMUM ROUGH OPENING not to exceed 96" x 96". Maximum up to 5 units wide by 5 units high.

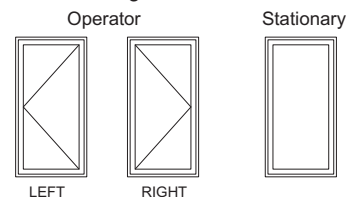
Field mull kits are available. Structural mullion reinforcement is required for some assemblies.

Please consult your local Marvin representative for more information.

### Construction Details

Casements available as an operator or stationary.
























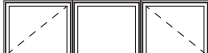












L or R handing determined from exterior.



**CASEMENT**

3 Wide

<b>MO (mm)</b>	4' - 6" (1372)	6' - 0" (1829)	7' - 6" (2286)	9' - 0" (2743)
<b>RO (mm)</b>	4' - 6" (1372)	6' - 0" (1829)	7' - 6" (2286)	9' - 0" (2743)
<b>FS (mm)</b>	4' - 5 1/2" (1359)	5' - 11 1/2" (1816)	7' - 5 1/2" (2273)	8' - 11 1/2" (2731)

1' - 11 3/4" (603) 2' - 0" (610) 1' - 11 1/2" (597)	 ESCA1620	 ESCA2020	 ESCA2620*	 ESCA3020*
2' - 5 3/4" (756) 2' - 6" (762) 2' - 5 1/2" (749)	 ESCA1626	 ESCA2026	 ESCA2626*	 ESCA3026*
2' - 11 3/4" (908) 3' - 0" (914) 2' - 11 1/2" (902)	 ESCA1630	 ESCA2030	 ESCA2630*	 ESCA3030*
3' - 5 3/4" (1060) 3' - 6" (1067) 3' - 5 1/2" (1054)	 ESCA1636	 ESCA2036	 ESCA2636*	 ESCA3036 E*
3' - 11 3/4" (1213) 4' - 0" (1219) 3' - 11 1/2" (1207)	 ESCA1640	 ESCA2040	 ESCA2640 E*	 ESCA3040 E*
4' - 5 3/4" (1365) 4' - 6" (1372) 4' - 5 1/2" (1359)	 ESCA1646	 ESCA2046	 ESCA2646 E*	 ESCA3046 E*
4' - 11 3/4" (1518) 5' - 0" (1524) 4' - 11 1/2" (1511)	 ESCA1650	 ESCA2050	 ESCA2650 E*	 ESCA3050 E*
5' - 5 3/4" (1670) 5' - 6" (1676) 5' - 5 1/2" (1664)	 ESCA1656	 ESCA2056	 ESCA2656 E*	 ESCA3056 E*
5' - 11 3/4" (1822) 6' - 0" (1829) 5' - 11 1/2" (1816)	 ESCA1660 T	 ESCA2060 T	 ESCA2660 ET*	 ESCA3060 ET*

Details and Elevations not to scale.

Special sized units available within product size matrix. See your Marvin retailer.

E = These windows meet National Egress Codes for fire evacuation. Local codes may differ.

T = Standard Tempered

Obscure Glass option available on all units.

GBG available in standard Rectangular lite cut, shown above. Other GBG lite cuts shown on page 3.

See page 52 for specific PG Ratings.













\* These units may optionally include a window opening control device tested to ASTM F2090-10, which can be released from the inside without the use of a key, tool, special knowledge, or force greater than that required for normal unit operation.

For further details and drawings visit the 'Tools and Documents' section at Marvin.com.

# CASEMENT

## 4 Wide

<b>MO (mm)</b>	6' - 0" (1829)	8' - 0" (2438)
<b>RO (mm)</b>	6' - 0" (1829)	8' - 0" (2438)
<b>FS (mm)</b>	5' - 11 1/2" (1816)	7' - 11 1/2" (2426)

1' - 11" 3/4" (603)		
2' - 0" (610)		
2' - 5 3/4" (756)		
2' - 6" (762)		
2' - 5 1/2" (749)		
2' - 11 3/4" (908)		
3' - 0" (914)		
2' - 11 1/2" (902)		
3' - 5 3/4" (1060)		
3' - 6" (1067)		
3' - 5 1/2" (1054)		
3' - 11 3/4" (1213)		
4' - 0" (1219)		
3' - 11 1/2" (1207)		
4' - 5 3/4" (1365)		
4' - 6" (1372)		
4' - 5 1/2" (1359)		
4' - 11 3/4" (1518)		
5' - 0" (1524)		
4' - 11 1/2" (1511)		
5' - 5 3/4" (1670)		
5' - 6" (1676)		
5' - 5 1/2" (1664)		
5' - 11 3/4" (1822)		
6' - 0" (1829)		
5' - 11 1/2" (1816)		

### MULTIPLE ASSEMBLIES

Multiple assemblies can be factory mullied.

MAXIMUM ROUGH OPENING not to exceed 114" x 78". Maximum up to 6 units wide by 1 unit high.

MAXIMUM ROUGH OPENING not to exceed 96" x 96". Maximum up to 5 units wide by 5 units high.

Field mull kits are available. Structural mullion reinforcement is required for some assemblies.

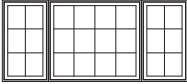
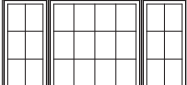
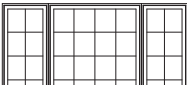
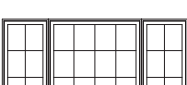
Please consult your local Marvin representative for more information.

# CASEMENT - Multiple Assemblies

## Casement Flankers with Center Picture

<b>MO (mm)</b>	8' - 0" (2438)
<b>RO (mm)</b>	8' - 0" (2438)
<b>FS (mm)</b>	7' - 11 1/2" (2426)

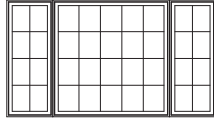
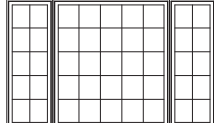
  

3' - 5 3/4" (1060)		ESCA2036 / ESCAP4036 / ESCA2036
3' - 6" (1067)		
3' - 5 1/2" (1054)		
3' - 11 3/4" (1213)		ESCA2040 / ESCAP4040 / ESCA2040
4' - 0" (1219)		
3' - 11 1/2" (1207)		
4' - 5 3/4" (1365)		ESCA2046 / ESCAP4046 / ESCA2046
4' - 6" (1372)		
4' - 5 1/2" (1359)		
4' - 11 3/4" (1518)		ESCA2050 / ESCAP4050 / ESCA2050
5' - 0" (1524)		
4' - 11 1/2" (1511)		

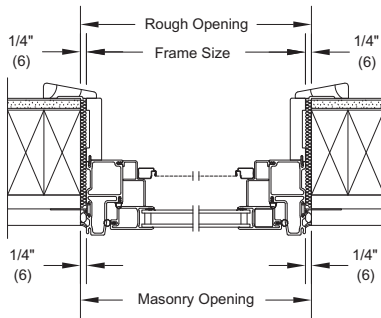
## Casement Flankers with Center Picture

<b>MO (mm)</b>	9' - 0" (2743)
<b>RO (mm)</b>	9' - 0" (2743)
<b>FS (mm)</b>	8' - 11 1/2" (2731)

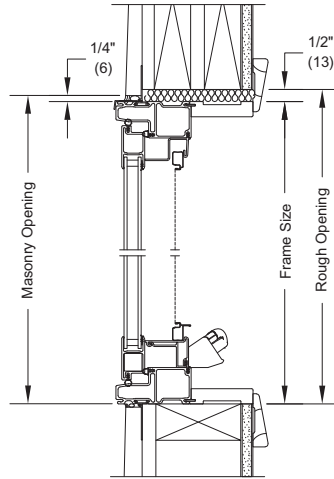
  

4' - 11 3/4" (1518)		ESCA2050 / ESCAP5050 / ESCA2050
5' - 0" (1524)		
4' - 11 1/2" (1511)		
5' - 5 3/4" (1670)		ESCA2056 / ESCAP5056 / ESCA2056
5' - 6" (1676)		
5' - 5 1/2" (1664)		

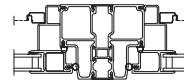
## Construction Details



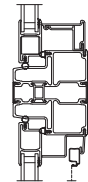
Jamb



Head Jamb & Sill



Vertical Mullion



Horizontal Mullion Transom/Operator

Details and Elevations not to scale.

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See page 52 for specific PG Ratings.

For further details and drawings visit the 'Tools and Documents' section at Marvin.com.

### MULTIPLE ASSEMBLIES

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Maximum up to 5 units wide by 5 units high.

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