











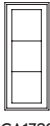

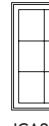









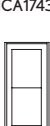
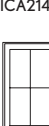










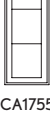





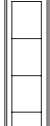













# CASEMENT

## Operator/Stationary Units

<b>Mas. Opp. (mm)</b>	1-4 1/2 (419)	1-8 1/2 (521)	2-0 1/2 (622)	2-4 1/2 (724)	2-8 1/2 (826)	3-0 1/2 (927)
<b>Rgh. Opp. (mm)</b>	1-5 (432)	1-9 (533)	2-1 (635)	2-5 (737)	2-9 (838)	3-1 (940)
<b>Frame Size (mm)</b>	1-4 (406)	1-8 (508)	2-0 (610)	2-4 (711)	2-8 (813)	3-0 (914)
<b>Glass Size (mm)</b>	11 13/16" (300)	15 13/16" (402)	19 13/16" (503)	23 13/16" (605)	27 13/16" (706)	31 13/16" (808)

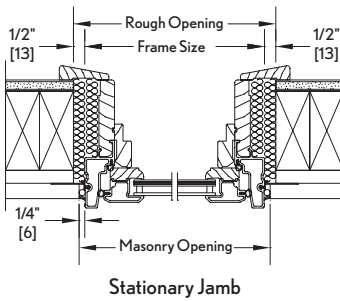
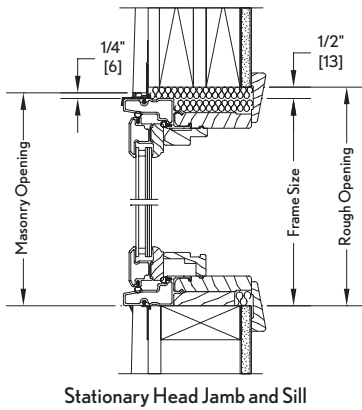
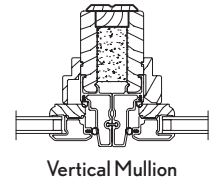
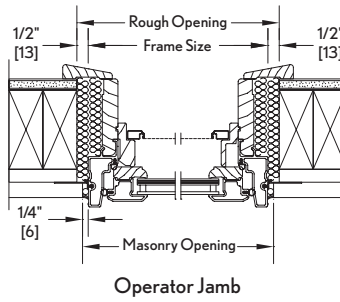
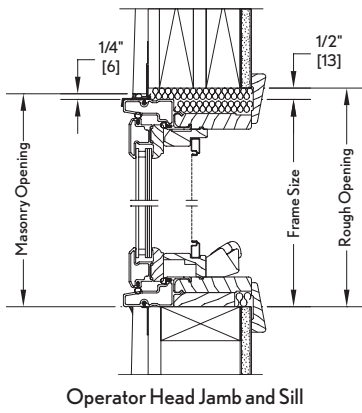
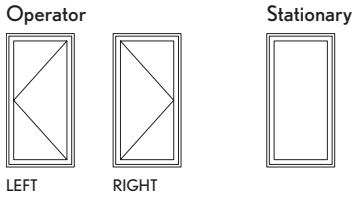
2-7 3/8 (797) 2-7 5/8 (803) 2-7 1/8 (791) 26 15/16" (684)						
		ICA2131	ICA2531	ICA2931	ICA3331	ICA3731
2-11 3/8 (698) 2-11 5/8 (905) 2-11 1/8 (892) 30 15/16" (786)						
	ICA1735	ICA2135	ICA2535	ICA2935	ICA3335	ICA3735**
3-3 3/8 (1000) 3-3 5/8 (1006) 3-3 1/8 (994) 34 15/16" (887)						
	ICA1739	ICA2139	ICA2539	ICA2939	ICA3339**	ICA3739**
3-7 1/2 (1105) 3-7 3/4 (1111) 3-7 1/4 (1099) 39 1/16" (992)						
	ICA1743	ICA2143	ICA2543	ICA2943*	ICA3343*	ICA3743*
3-11 3/8 (1203) 3-11 5/8 (1210) 3-11 1/8 (1197) 42 15/16" (1091)						
	ICA1747	ICA2147	ICA2547	ICA2947*	ICA3347*	ICA3747*
4-7 3/8 (1406) 4-7 5/8 (1413) 4-7 1/8 (1400) 50 15/16" (1294)						
	ICA1755	ICA2155	ICA2555	ICA2955*	ICA3355*	ICA3755*
4-11 3/8 (1508) 4-11 5/8 (1514) 4-11 1/8 (1502) 54 15/16" (1395)						
	ICA1759	ICA2159	ICA2559	ICA2959*	ICA3359*	ICA3759*
5-3 3/8 (1610) 5-3 5/8 (1616) 5-3 1/8 (1603) 58 15/16" (1497)						
	ICA1763	ICA2163	ICA2563	ICA2963*	ICA3363*	ICA3763*
5-11 3/8 (1813) 5-11 5/8 (1819) 5-11 1/8 (1807) 66 15/16" (1700)						
	ICA1771T	ICA2171T	ICA2571T	ICA2971T*	ICA3371T*	ICA3771T*

# CASEMENT

INTEGRITY® FROM MARVIN®  
WOOD-ULTREX® SERIES

## Construction Details

Casements available as an operator or stationary.  
L or R hinging determined from exterior.



Details and Elevations not to scale.

T = Standard Tempered

Optional Casement Grilles, GBGs and SDLs are available in a standard Rectangular cut shown.

\*These windows meet National Egress Codes for fire evacuation. Local codes may differ.

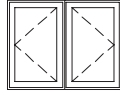
\*\*3339, 3735, and 3739 meet Egress if installed at proper height from floor.

# CASEMENT

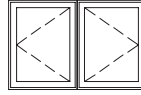
## 2 Wide Operator/Stationary Units

Max. Opp. (mm)	2-8 1/2 (826)	3-4 1/2 (1029)	4-0 1/2 (1232)	4-8 1/2 (1435)
Rgh. Opp. (mm)	2-9 (838)	3-5 (1041)	4-1 (1245)	4-9 (1448)
Frame Size (mm)	2-8 (813)	3-4 (1016)	4-0 (1219)	4-8 (1422)

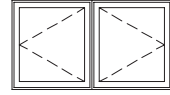
2-7 3/8 (797)  
2-7 5/8 (803)  
2-7 1/8 (791)



IICA2131 2W

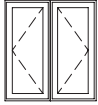


ICA2531 2W

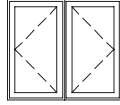


ICA2931 2W

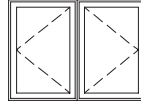
2-11 3/8 (898)  
2-11 5/8 (905)  
2-11 1/8 (892)



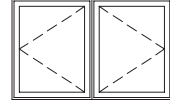
ICA1735 2W



ICA2135 2W

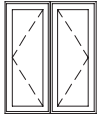


ICA2535 2W

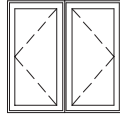


ICA2935 2W

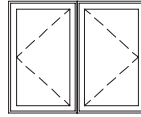
3-3 3/8 (1000)  
3-3 5/8 (1006)  
3-3 1/8 (994)



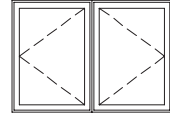
ICA1739 2W



ICA2139 2W

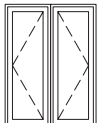


ICA2539 2W

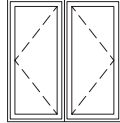


ICA2939 2W

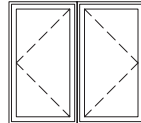
3-7 1/2 (1105)  
3-7 3/4 (1111)  
3-7 1/4 (1099)



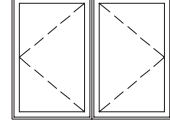
ICA1743 2W



ICA2143 2W

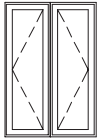


ICA2543 2W

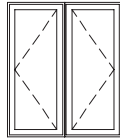


ICA2943 2W\*

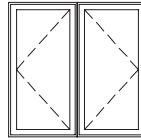
3-11 3/8 (1203)  
3-11 5/8 (1210)  
3-11 1/8 (1197)



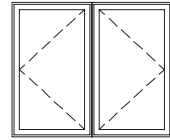
ICA1747 2W



ICA2147 2W

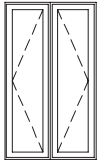


ICA2547 2W

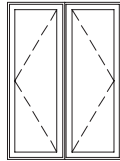


ICA2947 2W\*

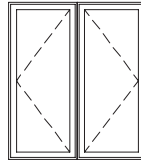
4-7 3/8 (1406)  
4-7 5/8 (1413)  
4-7 1/8 (1400)



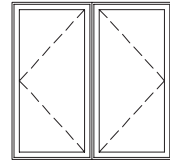
ICA1755 2W



ICA2155 2W

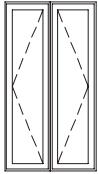


ICA2555 2W

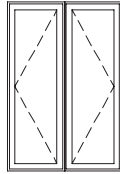


ICA2955 2W\*

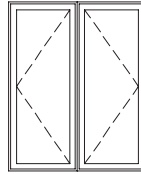
4-11 3/8 (1508)  
4-11 5/8 (1514)  
4-11 1/8 (1502)



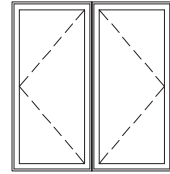
ICA1759 2W



ICA2159 2W

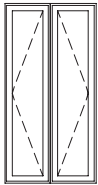


ICA2559 2W

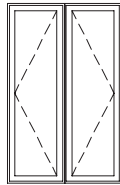


ICA2959 2W\*

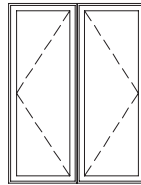
5-3 3/8 (1610)  
5-3 5/8 (1616)  
5-3 1/8 (1603)



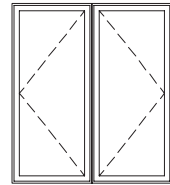
ICA1763 2W



ICA2163 2W

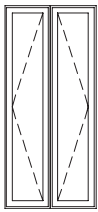


ICA2563 2W

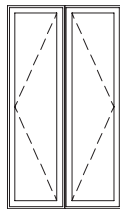


ICA2963 2W\*

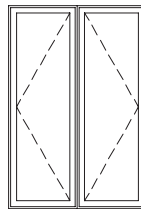
5-11 3/8 (1813)  
5-11 5/8 (1819)  
5-11 1/8 (1807)



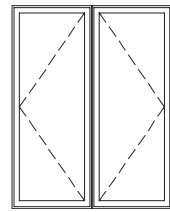
ICA1771 2W



ICA2171 2WT



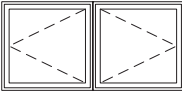
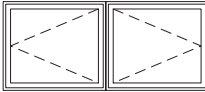
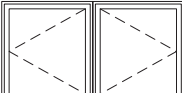
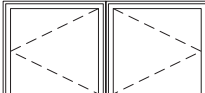
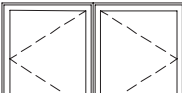
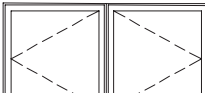
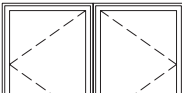
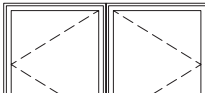
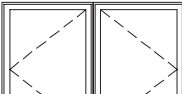
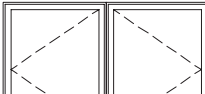
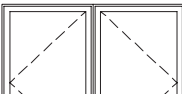
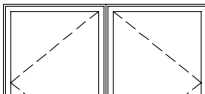
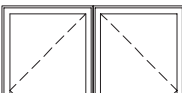
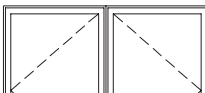
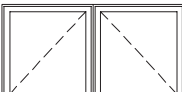
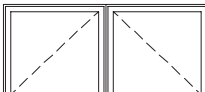
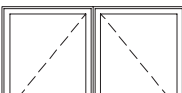
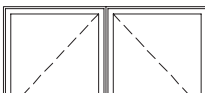
ICA2571 2WT



ICA2971 2WT\*

## 2 Wide Operator/Stationary Units

Mas. Opg. (mm)	5-4 1/2 (1638)	6-0 1/2 (1842)
Rgh. Opg. (mm)	5-5 (1651)	6-1 (1854)
Frame Size (mm)	5-4 (1626)	6-0 (1829)

2-7 3/8 (797) 2-7 5/8 (803) 2-7 1/8 (791)		
	ICA3331 2W	ICA3731 2W
2-11 3/8 (898) 2-11 5/8 (905) 2-11 1/8 (892)		
	ICA3335 2W	ICA3735 2W**
3-3 3/8 (1000) 3-3 5/8 (1006) 3-3 1/8 (994)		
	ICA3339 2W**	ICA3739 2W**
3-7 1/2 (1105) 3-7 3/4 (1111) 3-7 1/4 (1099)		
	ICA3343 2W*	ICA3743 2W*
3-11 3/8 (1203) 3-11 5/8 (1210) 3-11 1/8 (1197)		
	ICA3347 2W*	ICA3747 2W*
4-7 3/8 (1406) 4-7 5/8 (1413) 4-7 1/8 (1400)		
	ICA3355 2W*	ICA3755 2W*
4-11 3/8 (1508) 4-11 5/8 (1514) 4-11 1/8 (1502)		
	ICA3359 2W*	ICA3759 2W*
5-3 3/8 (1610) 5-3 5/8 (1616) 5-3 1/8 (1603)		
	ICA3363 2W*	ICA3763 2W*
5-11 3/8 (1813) 5-11 5/8 (1819) 5-11 1/8 (1807)		
	ICA3371 2WT*	ICA3771 2WT*

Details and Elevations not to scale.

T = Standard Tempered

\*These windows meet National Egress Codes for fire evacuation. Local codes may differ.

\*\*3339, 3735, and 3739 meet Egress if installed at proper height from floor.

Any unit in these combinations can be operating or stationary. Operating sash are viewed from the exterior.

### MULTIPLE ASSEMBLIES

Multiple assemblies can be factory mullied up to 4 units wide by 1 unit high,

**MAXIMUM ROUGH OPENING** not to exceed 113" x 71 5/8"; OR up to 2 units wide by 2 units high.

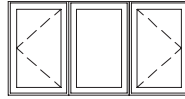
**MAXIMUM ROUGH OPENING:** not to exceed 73" x 94 3/4". Field mull kits are available. Structural mullion reinforcement is required for some assemblies. Please consult your local Integrity from Marvin representative for more information.

# CASEMENT

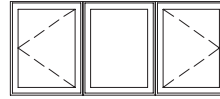
## 3 Wide Operator/Stationary Units

Mas. Opp. (mm)	4-0 1/2 (1232)	5-0 1/2 (1537)	6-0 1/2 (1842)	7-0 1/2 (2146)
Rgh. Opp. (mm)	4-1 (1245)	5-1 (1549)	6-1 (1854)	7-1 (2159)
Frame Size (mm)	4-0 (1219)	5-0 (1524)	6-0 (1829)	7-0 (2134)

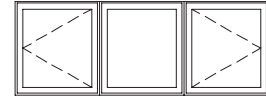
2-7 3/8 (797)  
2-7 5/8 (803)  
2-7 1/8 (791)



ICA2131 3W

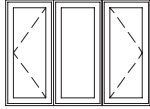


ICA2531 3W

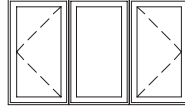


ICA2931 3W

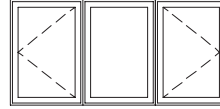
2-1 3/8 (898)  
2-1 5/8 (905)  
2-1 1/8 (892)



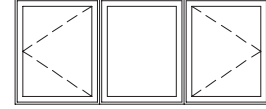
ICA1735 3W



ICA2135 3W

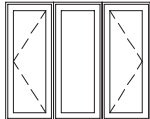


ICA2535 3W

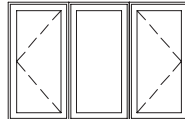


ICA2935 3W

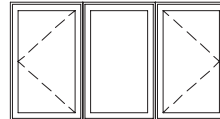
3-3 3/8 (1000)  
3-3 5/8 (1006)  
3-3 1/8 (994)



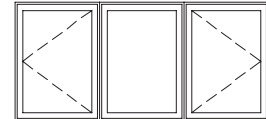
ICA1739 3W



ICA2139 3W

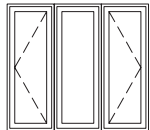


ICA2539 3W

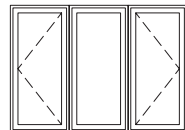


ICA2939 3W

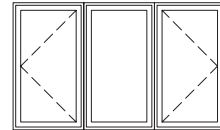
3-7 1/2 (1105)  
3-7 3/4 (1111)  
3-7 1/4 (1099)



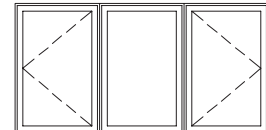
ICA1743 3W



ICA2143 3W

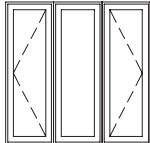


ICA2543 3W

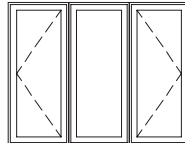


ICA2943 3W\*

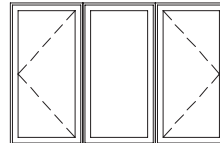
3-11 3/8 (1203)  
3-11 5/8 (1210)  
3-11 1/8 (1197)



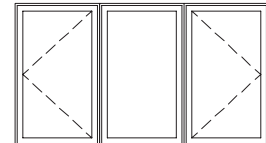
ICA1747 3W



ICA2147 3W

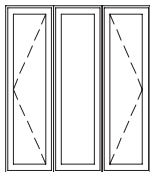


ICA2547 3W

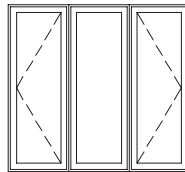


ICA2947 3W\*

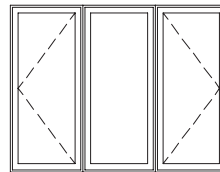
4-7 3/8 (1406)  
4-7 5/8 (1413)  
4-7 1/8 (1400)



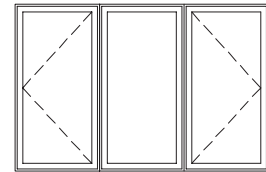
ICA1755 3W



ICA2155 3W

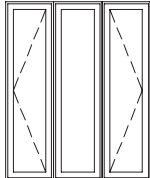


ICA2555 3W

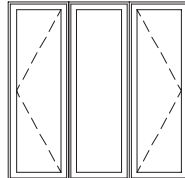


ICA2955 3W\*

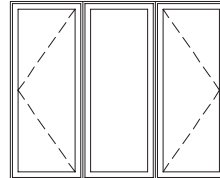
4-11 3/8 (1508)  
4-11 5/8 (1514)  
4-11 1/8 (1502)



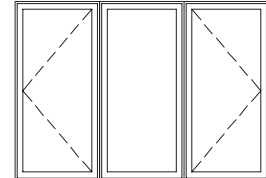
ICA1759 3W



ICA2159 3W

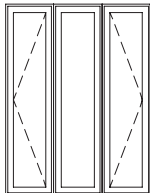


ICA2559 3W

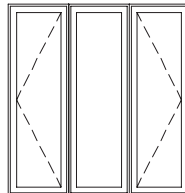


ICA2959 3W\*

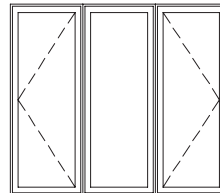
5-3 3/8 (1610)  
5-3 5/8 (1616)  
5-3 1/8 (1603)



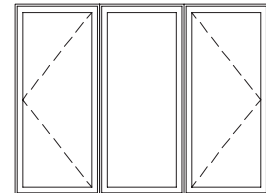
ICA1763 3W



ICA2163 3W

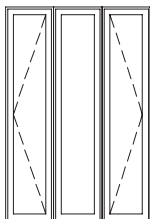


ICA2563 3W

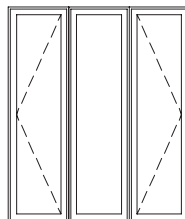


ICA2963 3W\*

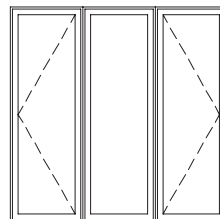
5-11 3/8 (1813)  
5-11 5/8 (1819)  
5-11 1/8 (1807)



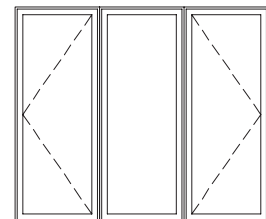
ICA1771 3WT



ICA2171 3WT



ICA2571 3WT



ICA2971 3WT

## 3 Wide Operator/Stationary Units

Mas. Opg. (mm)	8-0 1/2 (2451)	9-0 1/2 (2756)
Rgh. Opg. (mm)	8-1 (2464)	9-1 (2769)
Frame Size (mm)	8-0 (2438)	9-0 (2743)

Details and Elevations not to scale.

T = Standard Tempered

\*These windows meet National Egress Codes for fire evacuation. Local codes may differ.

\*\*3339, 3735, and 3739 meet Egress if installed at proper height from floor.

Any unit in these combinations can be operating or stationary. Operating sash are viewed from the exterior.

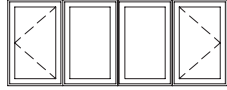
2-7 3/8 (797) 2-7 5/8 (803) 2-7 1/8 (791)		ICA3331 3W		ICA3731 3W
2-11 3/8 (898) 2-11 5/8 (905) 2-11 1/8 (892)		ICA3335 3W		ICA3735 3W**
3-3 3/8 (1000) 3-3 5/8 (1006) 3-3 1/8 (994)		ICA3339 3W**		ICA3739 3W**
3-7 1/2 (1105) 3-7 3/4 (1111) 3-7 1/4 (1099)		ICA3343 3W*		ICA3743 3W*
3-11 3/8 (1203) 3-11 5/8 (1210) 3-11 1/8 (1197)		ICA3347 3W*		ICA3747 3W*
4-7 3/8 (1406) 4-7 5/8 (1413) 4-7 1/8 (1400)		ICA3355 3W*		ICA3755 3W*
4-11 3/8 (1508) 4-11 5/8 (1514) 4-11 1/8 (1502)		ICA3359 3W*		ICA3759 3W*
5-3 3/8 (1610) 5-3 5/8 (1616) 5-3 1/8 (1603)		ICA3363 3W*		ICA3763 3W*
5-11 3/8 (1813) 5-11 5/8 (1819) 5-11 1/8 (1807)		ICA3371 3W*T		ICA3771 3W*T

# CASEMENT

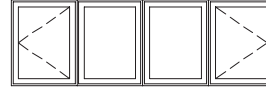
## 4 Wide Operator/Stationary Units

<b>Mas. Opp. (mm)</b>	5-4 1/2 (1638)	6-8 1/2 (2045)	8-0 1/2 (2451)	9-4 1/2 (2858)
<b>Rgh. Opp. (mm)</b>	5-5 (1651)	6-9 (2057)	8-1 (2464)	9-5 (2870)
<b>Frame Size (mm)</b>	5-4 (1626)	6-8 (2032)	8-0 (2438)	9-4 (2845)

2-7 3/8 (797)  
2-7 5/8 (803)  
2-7 1/8 (791)



ICA21314W

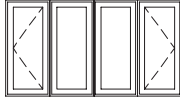


ICA25314W



ICA29314W

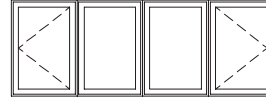
2-11 3/8 (898)  
2-11 5/8 (905)  
2-11 1/8 (892)



ICA17354W



ICA21354W

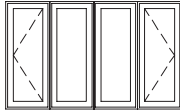


ICA25354W

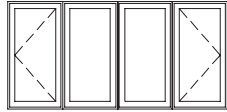


ICA29354W

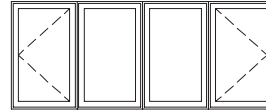
3-3 3/8 (1000)  
3-3 5/8 (1006)  
3-3 1/8 (994)



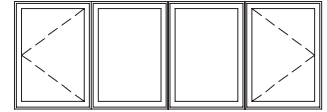
ICA17394W



ICA21394W

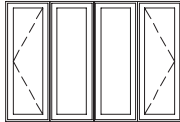


ICA25394W

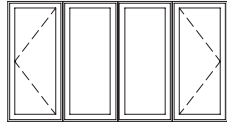


ICA29394W

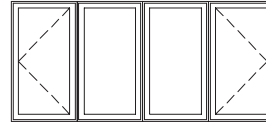
3-7 1/2 (1105)  
3-7 3/4 (1111)  
3-7 1/4 (1099)



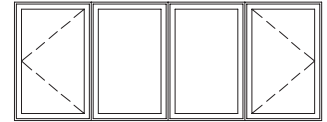
ICA17434W



ICA21434W

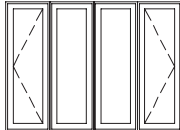


ICA25434W

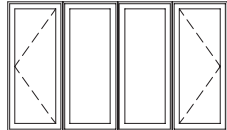


ICA29434W\*

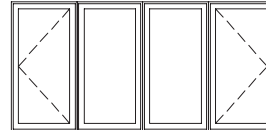
3-11 3/8 (1203)  
3-11 5/8 (1210)  
3-11 1/8 (1197)



ICA17474W



ICA21474W

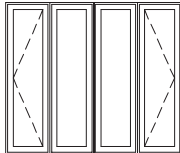


ICA25474W

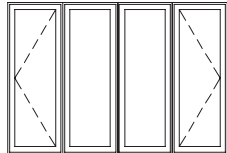


ICA29474W\*

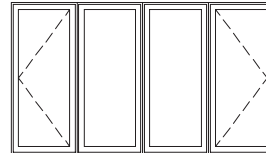
4-7 3/8 (1406)  
4-7 5/8 (1413)  
4-7 1/8 (1400)



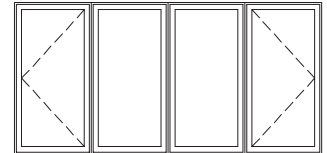
ICA17554W



ICA21554W

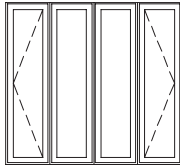


ICA25554W

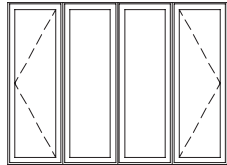


ICA29554W\*

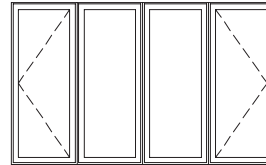
4-11 3/8 (1508)  
4-11 5/8 (1514)  
4-11 1/8 (1502)



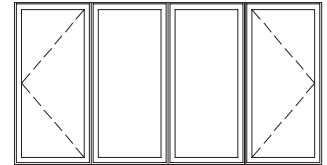
ICA17594W



ICA21594W

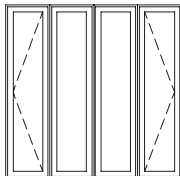


ICA25594W

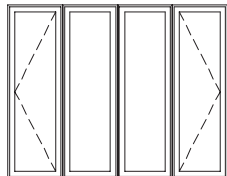


ICA29594W\*

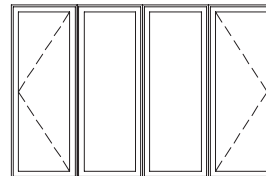
5-3 3/8 (1610)  
5-3 5/8 (1616)  
5-3 1/8 (1603)



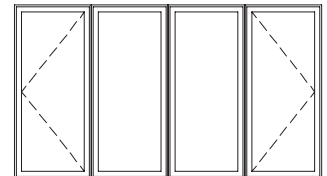
ICA17634W



ICA21634W

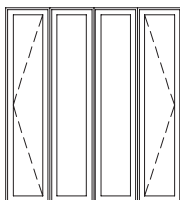


ICA25634W

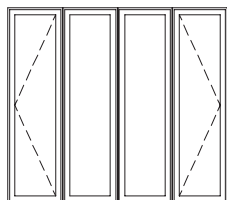


ICA29634W\*

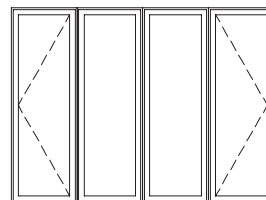
5-11 3/8 (1813)  
5-11 5/8 (1819)  
5-11 1/8 (1807)



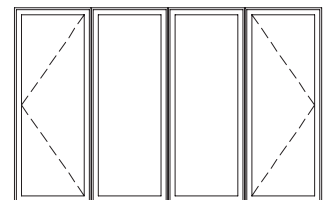
ICA17714WT



ICA21714WT



ICA25714WT



ICA29714WT

## In-Sash Transoms

<b>Mas. Opg. (mm)</b>	1-8 1/2 (521)	2-0 1/2 (622)	2-4 1/2 (724)	2-8 1/2 (826)	3-0 1/2 (927)	6-0 1/2 (1842)
<b>Rgh. Opg. (mm)</b>	1-9 (533)	2-1 (635)	2-5 (737)	2-9 (838)	3-1 (940)	6-1 (1854)
<b>Frame Size (mm)</b>	1-8 (508)	2-0 (610)	2-4 (711)	2-8 (813)	3-0 (914)	6-0 (1829)
<b>Glass Size (mm)</b>	15 13/16" (402)	19 13/16" (503)	23 13/16" (605)	27 13/16" (706)	29 13/16" (757)	69 3/16" (1757)

1-4 (406)  
1-4 1/4 (413)  
1-3 3/4 (400)  
119/16" (294)



ICATR2116



ICATR2516



ICATR2916



ICATR3316



ICATR3716

1-4 (406)  
1-4 1/4 (413)  
1-3 3/4 (400)  
12 15/16" (329)

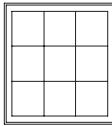


ICADG7316

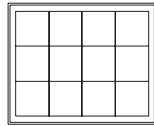
## Picture Unit

<b>Mas. Opg. (mm)</b>	3-0 1/2 (927)	4-0 1/2 (1232)	4-8 1/2 (1435)	6-0 1/2 (1842)
<b>Rgh. Opg. (mm)</b>	3-1 (940)	4-1 (1245)	4-9 (1448)	6-1 (1854)
<b>Frame Size (mm)</b>	3-0 (914)	4-0 (1219)	4-8 (1422)	6-0 (1829)
<b>Glass Size (mm)</b>	31 13/16" (808)	43 13/16" (1113)	51 13/16" (1316)	67 13/16" (1722)

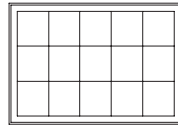
3-3 3/8 (1000)  
3-3 5/8 (1006)  
3-3 1/8 (994)  
3-4 15/16 (887)



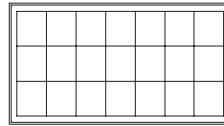
ICAP3739



ICAP4939

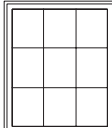


ICAP5739

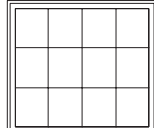


ICAP7339

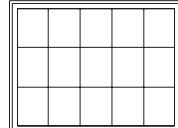
3-7 1/2 (1105)  
3-7 3/4 (1111)  
3-7 1/4 (1099)  
3-8 15/16 (988)



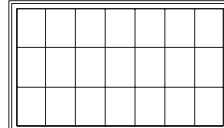
ICAP3743



ICAP4943

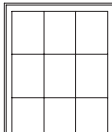


ICAP5743

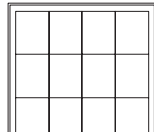


ICAP7343

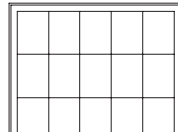
3-11 3/8 (1203)  
3-11 5/8 (1210)  
3-11 1/8 (1197)  
4-2 15/16 (1091)



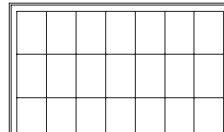
ICAP3747



ICAP4947

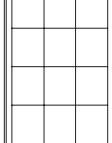


ICAP5747

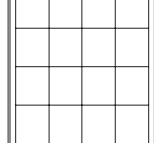


ICAP7347

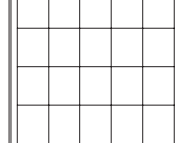
4-7 3/8 (1407)  
4-7 5/8 (1413)  
4-7 1/8 (1400)  
5-0 15/16 (1294)



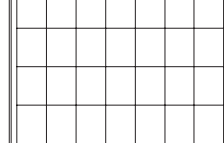
ICAP3755



ICAP4955

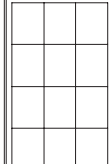


ICAP5755

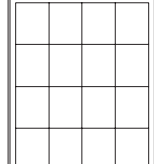


ICAP7355

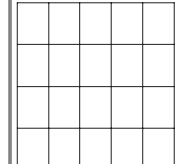
4-11 3/8 (1508)  
4-11 5/8 (1514)  
4-11 1/8 (1502)  
5-4 15/16 (1395)



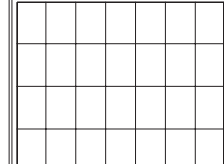
ICAP3759



ICAP4959

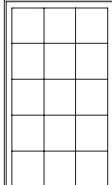


ICAP5759

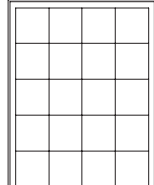


ICAP7359T

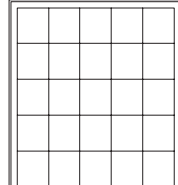
5-3 3/8 (1610)  
5-3 5/8 (1616)  
5-3 1/8 (1603)  
5-8 15/16 (1497)



ICAP3763

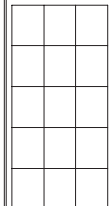


ICAP4963

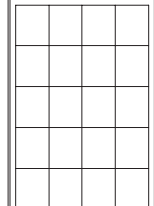


ICAP5763

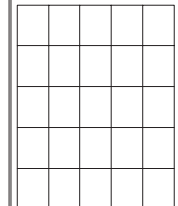
5-11 3/8 (1813)  
5-11 5/8 (1819)  
5-11 1/8 (1807)  
6-6 15/16 (1700)



ICAP3771T



ICAP4971T



ICAP5771T

Details and Elevations not to scale.

T = Standard Tempered

Optional picture Grilles, GBGs and SDLs are available in a standard Rectangular cut shown. Also available in Prairie lite cuts.

\*These windows meet National Egress Codes for fire evacuation. Local codes may differ.

Any ICA unit in these combinations can be operating or stationary. Operating sash are viewed from the exterior.

Optional transom grilles, GBGs and SDLs are available in standard Rectangular cut, as shown. Alternate lite cuts available to align with select lite cut options.

Unequal lite cuts on Direct Glaze Transoms. GBG and SDL in an ICADG 7316 will line up over a 25-3W ICA only. Direct Glaze Rectangles also available.

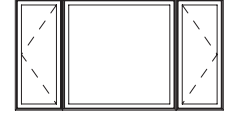
## Multiple Assemblies/21" Casement Flankers with Picture Center Unit

3-3 3/8 (1000)  
3-3 5/8 (1006)  
3-3 1/8 (994)



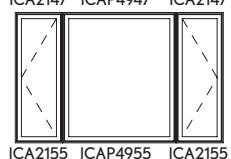
ICA2139 ICAP4939 ICA2139

3-11 3/8 (1203)  
3-11 5/8 (1210)  
3-11 1/8 (1197)



ICA2147 ICAP4947 ICA2147

4-7 3/8 (1406)  
4-7 5/8 (1413)  
4-7 1/8 (1400)



ICA2155 ICAP4955 ICA2155

4-11 3/8 (1508)  
4-11 5/8 (1514)  
4-11 1/8 (1502)



ICA2159 ICAP4959 ICA2159

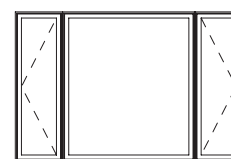
**Mas. Opg. (mm)** 8-0 1/2 (2451)  
**Rgh. Opg. (mm)** 8-1 (2464)  
**Frame Size (mm)** 8-0 (2438)

4-11 3/8 (1508)  
4-11 5/8 (1514)  
4-11 1/8 (1502)



ICA2159 ICAP5759 ICA2159

5-3 3/8 (1610)  
5-3 5/8 (1616)  
5-3 1/8 (1603)



ICA2163 ICAP5763 ICA2163

# AWNING

## Operator/Stationary Units

<b>Mas. Opp. (mm)</b>	2-0 1/2 (622)	2-4 1/2 (724)	2-8 1/2 (826)	3-0 1/2 (927)	4-0 1/2 (1232)
<b>Rgh. Opp. (mm)</b>	2-1 (635)	2-5 (737)	2-9 (838)	3-1 (940)	4-1 (1245)
<b>Frame Size (mm)</b>	2-0 (610)	2-4 (711)	2-8 (813)	3-0 (914)	4-0 (1219)
<b>Glass Size (mm)</b>	19 13/16" (503)	23 13/16" (605)	27 13/16" (706)	31 13/16" (808)	43 13/16" (1113)

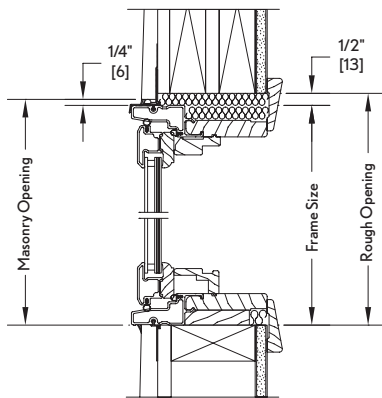
Details and Elevations not to scale.

T = Standard Tempered

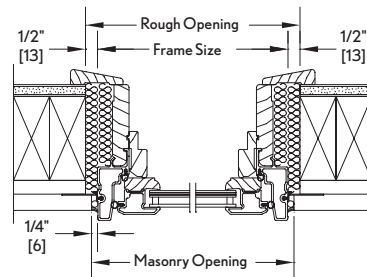
Optional Awning Grilles, GBGs and SDLs are available in a standard Rectangular cut shown.

1-7 3/8 (492) 1-7 5/8 (498) 1-7 1/8 (486) 14 15/16" (379)					
IAWN2519	IAWN2919	IAWN3319	IAWN3719	IAWN4919T	
1-11 3/8 (594) 1-11 5/8 (600) 1-11 1/8 (587) 18 15/16" (481)					
IAWN2523	IAWN2923	IAWN3323	IAWN3723	IAWN4923T	
2-3 3/8 (695) 2-3 5/8 (702) 2-3 1/8 (689) 22 15/16" (583)					
IAWN2527	IAWN2927	IAWN3327	IAWN3727	IAWN4927T	
2-11 3/8 (899) 2-11 5/8 (905) 2-11 1/8 (892) 30 15/16" (786)					
			IAWN3735	IAWN4935T	
3-3 3/8 (1000) 3-3 5/8 (1006) 3-3 1/8 (994) 34 15/16" (887)					
			IAWN3739T	IAWN4939T	
3-11 3/8 (1203) 3-11 5/8 (1210) 3-11 1/8 (1197) 42 15/16" (1091)					
			IAWN3747T	IAWN4947T	

## Construction Details



Stationary Head Jamb and Sill



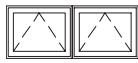
Stationary Head Jamb and Sill

## 2 Wide Operator/Stationary Units

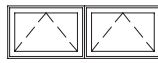
<b>Mas. Opg. (mm)</b>	4-0 1/2 (1232)	4-8 1/2 (1435)	5-4 1/2 (1638)
<b>Rgh. Opg. (mm)</b>	4-1 (1245)	4-9 (1448)	5-5 (1651)
<b>Frame Size (mm)</b>	4-0 (1219)	4-8 (1422)	5-4 (1626)

<b>Mas. Opg. (mm)</b>	6-0 1/2 (1842)	8-0 1/2 (2451)
<b>Rgh. Opg. (mm)</b>	6-1 (1854)	8-1 (2464)
<b>Frame Size (mm)</b>	6-0 (1829)	8-0 (2438)

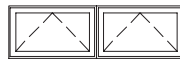
1-7 3/8 (492)  
1-7 5/8 (498)  
1-7 7/8 (486)  
1-11 3/8 (594)  
1-11 5/8 (600)  
1-11 7/8 (587)  
2-3 3/8 (695)  
2-3 5/8 (702)  
2-3 7/8 (689)



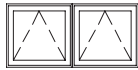
IAWN2519 2W



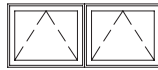
IAWN2919 2W



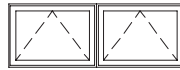
IAWN3319 2W



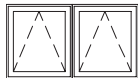
IAWN2523 2W



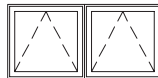
IAWN2923 2W



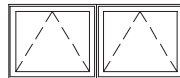
IAWN3323 2W



IAWN2527 2W

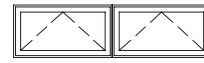


IAWN2927 2W

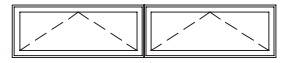


IAWN3327 2W

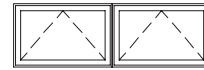
1-7 3/8 (492)  
1-7 5/8 (498)  
1-7 7/8 (486)  
1-11 3/8 (594)  
1-11 5/8 (600)  
1-11 7/8 (587)  
2-3 3/8 (695)  
2-3 5/8 (702)  
2-3 7/8 (689)  
2-11 3/8 (899)  
2-11 5/8 (905)  
2-11 7/8 (892)  
3-3 3/8 (1000)  
3-3 5/8 (1006)  
3-3 7/8 (994)  
3-11 3/8 (1203)  
3-11 5/8 (1210)  
3-11 7/8 (1197)



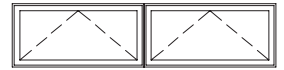
IAWN3719 2W



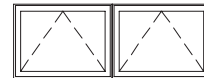
IAWN4919 2W



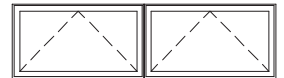
IAWN3723 2W



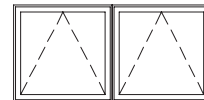
IAWN4923 2W



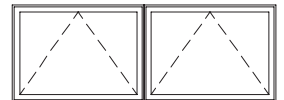
IAWN3727 2W



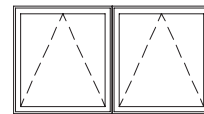
IAWN4927 2W



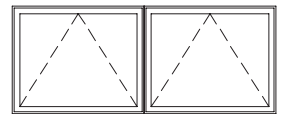
IAWN3735 2W



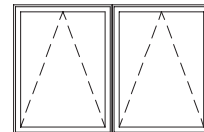
IAWN4935 2W



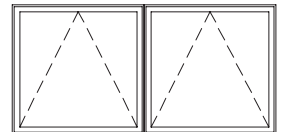
IAWN3739 2W



IAWN4939 2W



IAWN3747 2W

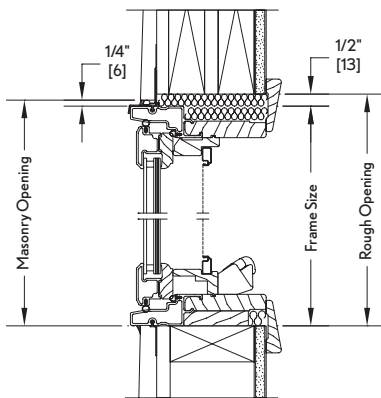


IAWN4947 2W

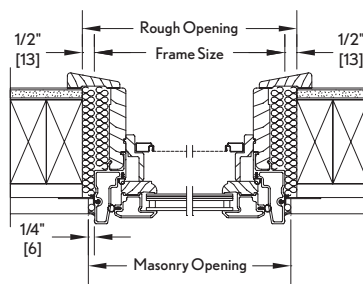
Details and Elevations not to scale.

Any unit in these combinations can be operating or stationary. Operating sash are viewed from the exterior.

## Construction Details



Operator Head Jamb and Sill



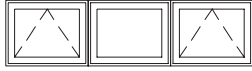
Operator Head Jamb and Sill

# AWNING

## 3 Wide Operator/Stationary Units

<b>Mas. Opp. (mm)</b>	6-0 1/2 (1842)	7-0 1/2 (2146)
<b>Rgh. Opp. (mm)</b>	6-1 (1854)	7-1 (2159)
<b>Frame Size (mm)</b>	6-0 (1829)	7-0 (2134)

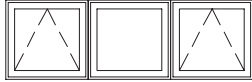
1-7 3/8 (492)  
1-7 5/8 (498)  
1-7 1/8 (486)  
  
1-11 3/8 (594)  
1-11 5/8 (600)  
1-11 1/8 (587)  
  
2-3 3/8 (695)  
2-3 5/8 (702)  
2-3 1/8 (689)



IAWN2519 3W



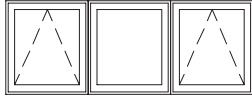
IAWN2919 3W



IAWN2523 3W



IAWN2923 3W



IAWN2527 3W



IAWN2927 3W

<b>Mas. Opp. (mm)</b>	8-0 1/2 (2451)	9-0 1/2 (2756)
<b>Rgh. Opp. (mm)</b>	8-1 (2464)	9-1 (2769)
<b>Frame Size (mm)</b>	8-0 (2438)	9-0 (2743)

1-7 3/8 (492)  
1-7 5/8 (498)  
1-7 1/8 (486)  
  
1-11 3/8 (594)  
1-11 5/8 (600)  
1-11 1/8 (587)  
  
2-3 3/8 (695)  
2-3 5/8 (702)  
2-3 1/8 (689)  
  
2-11 3/8 (899)  
2-11 5/8 (905)  
2-11 1/8 (892)  
  
3-3 3/8 (1000)  
3-3 5/8 (1006)  
3-3 1/8 (994)  
  
3-11 3/8 (1203)  
3-11 5/8 (1210)  
3-11 1/8 (1197)



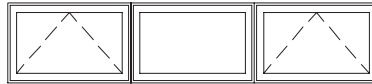
IAWN3319 3W



IAWN3719 3W



IAWN3323 3W



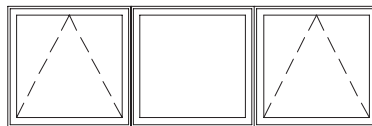
IAWN3723 3W



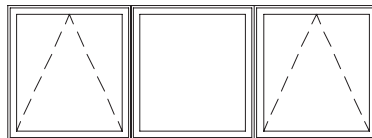
IAWN3327 3W



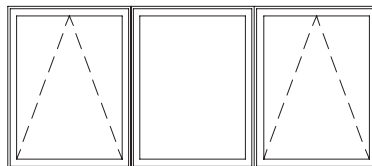
IAWN3727 3W



IAWN3735 3W



IAWN3739 3W



IAWN3747 3W

Details and Elevations not to scale.

Any unit in these combinations can be operating or stationary. Operating sash are viewed from the exterior.