## CASEMENT/AWNING WINDOWS

# **Table of Awning Window Sizes** Scale $\frac{1}{8}$ " (3) = $\frac{1}{-0}$ " (305) -1:96

Scale $\frac{1}{8}$ " (3) = 1	-0 (303) –	1:90								
Window Dimension	2'-0 1/8"	2'-4 3/8" (721)	2'-7 1/2" (800)	2'-11 <sup>15</sup> / <sub>16</sub> " (913)	3'-4 13/16" (1037)	4'-0" (1219)	4'-4 13/16" (1341)	4'-11 <sup>7</sup> /8" (1521)	5'-4 <sup>13</sup> / <sub>16</sub> " (1646)	5'-11 <sup>7</sup> /8" (1819)
Minimum	2'-0 5/8"	2'-4 7/8"	2'-8"	3'-0 1/2"	3'-5 3/8"	4'-0 1/2"	4'-5 3/8"	5'-0 3/8"	5'-5 3/8"	6'-0 3/8"
Rough Opening	(625)	(733)	(813)	(927)	(1051)	(1232)	(1356)	(1534)	(1660)	(1832)
Unobstructed Glass	19 5/16"	23 9/16"	26 11/16"	31 1/8"	36"	43 3/16"	48"	55 <sup>1</sup> /16"	60"	67 <sup>1</sup> /16"
(single sash only)	[ (491) [	[ (598) ]	[ (678) ]	[ (791) ]	Ĭ (914) Ĭ	T (1097)	T (1219)	T (1399)	Ĭ (1524) Ĭ	T (1703)
5" (2) (2) (5) (8)			2'-0 1/8" to							
1'-5" (432) 1'-5 1/2" (445) 12 5/8"	197/191 AR21	AR251	<b>AR</b> 281	AR31	AR351	<b>AR</b> 41	<b>AR</b> 451	<b>AR</b> 51	<b>AR</b> 551	AR61
1'-8 1/2" (521) 1'-9" (533)	(410)								7.11.001	
11-8	d o AN21	AN251	AN281	<b>AN</b> 31	AN351	AN41	<b>AN</b> 451	AN51	AN551	<b>AN</b> 61
(613) (613) (625) (625) (625)	S - 1:-5	A								
	A21	<b>A</b> 251	<b>A</b> 281	<b>A</b> 31	<b>A</b> 351	<b>A</b> 41	<b>A</b> 451	<b>A</b> 51	<b>A</b> 551	<b>A</b> 61
2'-4 3/8" (721) 2'-4 7/8" (733) 24"	CUSTOM HEIGHTS - 1.5" to 2.1115/16"  CUSTOM HEIGHTS - 1.5" to 2.1115/16"  AM51  AM51  AM51									
12 (0		AW251	<b>AW</b> 281	<b>AW</b> 31	<b>AW</b> 351	<b>AW</b> 41	AW451	<b>AW</b> 51	AW551	AW61
2'-7 1/2" (800) 2'-8" (813) 27 1/8"	80 -	AY251	AY291	AY21	AV251	AV41	AV451	AVE1	AVE 1	AV61
		<b>AX</b> 251	<b>AX</b> 281	<b>AX</b> 31	<b>AX</b> 351	<b>AX</b> 41	<b>AX</b> 451	<b>AX</b> 51	AX551  CUSTOM WIDTHS > 4'-	AX61
91 = =	-									11 76 Stationary only
2'-11 15/16' (913) 3'-0 1/2" (927) 31 9/16"	802)								Stationary only  AXM221	
3 (37.71	-		<b>AXW</b> 281	<b>AXW</b> 31	<b>AXW</b> 351	<b>AXW</b> 41	<b>AXW</b> 451	AXW51	AXW551	<b>AXW</b> 61
	CUSTOM	WIDTHS -		4'-0" venting					St.	
-   -   -									Ξ Σ	
35 34 8										
100	1EIG								USTO	
3'-4 3/4" (1035) 3'-5 1/4" (1048) 36 3/8"	r (924) FOM HEIGH: venting or			A225	A2525				Stationary only Stationary Stat	
	CUSTOM HEIGHTS to 4'-0" venting only			A335	A3535				CUSTO	
	CUSTOM HEIGH CUSTOM HEIGH 17/8" to 4'-0" venting (			A335	A3535				CUSTO	
	CUSTOM HEIGHTS  2'-117/8" to 4'-0" venting only					APA2W			CUSTO	
	CUSTOM HEIGI CUSTOM HEIGI 2-11 7/8" to 4'-0" venting			A335  AP32V	A3535  AP352V	AP42V			CUSTO	
4-0" (1219) 4-0 1/2" (1232) 43 5/8"	CUSTOM HEIGH CUSTOM HEIGH CUSTOM HEIGH SVT 0-1-78" to 4'-0" venting (a)	2'-11 <sup>15</sup> /16	5 <sup>11</sup>				4'-0"	2'-0 1/6"	2'-11 <sup>15</sup> / <sub>16</sub> "	
		2'-11 <sup>15</sup> / <sub>16</sub> (913)	5 <sup>11</sup>		AP352V	6" 3'-4 <sup>13</sup> /16"	4'-0" (1219)	2'-0 <sup>1</sup> / <sub>6</sub> " (613)		
4'-0"  (1219)  (1232)  (1232)  (4.00)	2'-0 <sup>1</sup> /8" (613) 2'-0 <sup>5</sup> /8"	(913) 3'-0 <sup>1</sup> /2"	5"		AP352V  2'-11 <sup>15</sup> / <sub>1</sub> (913)  3'-0 <sup>1</sup> / <sub>2</sub> '	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> "	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4-0" (1219) (1232) (1232) (43.5/8"	2'-0 1/8"	(913)	311		AP352V  2'-11 15/1 (913)	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> "	(1219)	(613)	2'-11 <sup>15</sup> / <sub>16</sub> " (913)	
4-0 1/2 Window Dimension  Window Dimension  Winimum  Rough Opening	2'-0 <sup>1</sup> /8" (613) 2'-0 <sup>5</sup> /8"	(913) 3'-0 <sup>1</sup> /2"	5**		AP352V  2'-11 <sup>15</sup> / <sub>1</sub> (913)  3'-0 <sup>1</sup> / <sub>2</sub> '	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> "	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4-0 1/2 Window Dimension  Window Dimension  Winimum  Rough Opening	2'-0 <sup>1</sup> /8" (613) 2'-0 <sup>5</sup> /8"	(913) 3'-0 <sup>1</sup> /2"			AP352V  2'-11 <sup>15</sup> / <sub>1</sub> (913)  3'-0 <sup>1</sup> / <sub>2</sub> '	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> "	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4-0"  Mindow Dimension  Minimum  Rough Opening	2'-0 ½8" (613) 2'-0 5/8" (625)	(913) 3'-0 <sup>1</sup> /2"	311		AP352V  2'-11 <sup>15</sup> / <sub>11</sub> (913) 3'-0 <sup>1</sup> / <sub>2</sub> ' (927)	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4-0 1/2 Window Dimension  Window Dimension  Winimum  Rough Opening	2'-0 <sup>1</sup> /8" (613) 2'-0 <sup>5</sup> /8"	(913) 3'-0 <sup>1</sup> /2"	5 <sup>11</sup>		AP352V  2'-11 <sup>15</sup> / <sub>1</sub> (913)  3'-0 <sup>1</sup> / <sub>2</sub> '	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4'-0" (1219) Minimum  4'-0 1/2" (1232) (1232) (1232) (1232) (1233)	2'-0 ½8" (613) 2'-0 5/8" (625)	(913) 3'-0 <sup>1</sup> /2"			AP352V  2'-11 <sup>15</sup> / <sub>11</sub> (913) 3'-0 <sup>1</sup> / <sub>2</sub> ' (927)	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4'-0" (1219) Minimum  4'-0 1/2" (1232) (1232) (1232) (1232) (1233)	2'-0 ½8" (613) 2'-0 5/8" (625)	(913) 3'-0 <sup>1</sup> /2"	311		AP352V  2'-11 <sup>15</sup> / <sub>11</sub> (913) 3'-0 <sup>1</sup> / <sub>2</sub> ' (927)	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4-0 1/2 Window Dimension  Window Dimension  Winimum  Rough Opening	2'-0 ½8" (613) 2'-0 5/8" (625)	(913) 3'-0 <sup>1</sup> /2"			AP352V  2'-11 <sup>15</sup> / <sub>11</sub> (913) 3'-0 <sup>1</sup> / <sub>2</sub> ' (927)	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4'-0" (1219) Minimum  4'-0 1/2" (1232) (1232) (1232) (1232) (1233)	2'-0 ½8" (613) 2'-0 5/8" (625)	(913) 3'-0 <sup>1</sup> /2"			AP352V  2'-11 <sup>15</sup> / <sub>11</sub> (913) 3'-0 <sup>1</sup> / <sub>2</sub> ' (927)	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4'-0" (1219) Minimum  4'-0 1/2" (1232) (1232) (1232) (1232) (1233)	2'-0 ½8" (613) 2'-0 5/8" (625)	(913) 3'-0 <sup>1</sup> /2"			AP352V  2'-11 15/1 (913) 3'-0 1/2' (927)  A312 (A31/A31)  PA3050	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4'-0" (1219) Minimum  4'-0 1/2" (1232) (1232) (1232) (1232) (1233)	2'-0 1/8" (613) 2'-0 5/8" (625)  A212 (A21/A21)	(913) 3'-0 <sup>1</sup> /2"		AP32V	AP352V  2'-11 15/1 (913) 3'-0 1/2' (927)  A312 (A31/A31)  PA3050 (AWW31/A3	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4'-0" (1219) Minimum  4'-0 1/2" (1232) (1232) (1232) (1232) (1233)	2'-0 ½8" (613) 2'-0 5/8" (625)	(913) 3'-0 <sup>1</sup> /2"		AP32V	AP352V  2'-11 15/1 (913) 3'-0 1/2' (927)  A312 (A31/A31)  PA3050	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4'-0" (1219) Minimum  4'-0 1/2" (1232) (1232) (1232) (1232) (1233)	2'-0 1/8" (613) 2'-0 5/8" (625)  A212 (A21/A21)	(913) 3'-0 <sup>1</sup> /2"		AP32V	AP352V  2'-11 15/1 (913) 3'-0 1/2' (927)  A312 (A31/A31)  PA3050 (AWW31/A3	3'-4 <sup>13</sup> / <sub>16</sub> " (1037) 3'-5 <sup>3</sup> / <sub>8</sub> " (1051)	(1219) 4'-0 ½"	(613) 2'-0 <sup>5</sup> /8"	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> "	
4'-0" (1219) Minimum  4'-0 1/2" (1232) (1232) (1232) (1232) (1233)	2'-0 1/8" (613) 2'-0 5/8" (625)  A212 (A21/A21)	(913) 3'-0 <sup>1</sup> /2"		AP32V	AP352V  2'-11 15/1 (913) 3'-0 1/2' (927)  A312 (A31/A31)  PA3050 (AWW31/A3	3'-4 13/16" (1037) 3'-5 3/8" (1051) PA3550 (AXW351/A351) PA3560	(1219) 4'-0 ½"	(613) 2'-0 5/8" (625)	2'-11 <sup>15</sup> / <sub>16</sub> " (913) 3'-0 <sup>1</sup> / <sub>2</sub> " (927)	

2013-2014 400/200 Series Product Guide Page 1 of 2

<sup>&</sup>quot;Window Dimension" always refers to outside frame to frame dimension.
"Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items.
Dimensions in parentheses are in millimeters.





4'-8 1/2"

5'-2 3/4"

	(1219)	(1435)	(1594)	(1826)	(1826)	(2149)
,	4'-0 1/2"	4'-9"	5'-3 1/4"	6'-0 1/8"	6'-0 3/8"	7'-1 1/8"
	(1232)	(1448)	(1607)	(1832)	(1838)	(2162)
	19 5/16"	23 9/16"	27 1/8"	31 1/8"	19 5/16"	23 9/16"
	(491)	(598)	(689)	(1703)	(491)	(598)
	AR221	AR2251	AR2281	<b>AR</b> 231	AR321	AR3251
	AA				AAA	
	AN221	AN2251	AN2281	AN231	AN321	AN3251
			10004			
	<b>A</b> 221	<b>A</b> 2251	A2281	<b>A</b> 231	<b>A</b> 321	A3251
	AA					
	AW221	AW2251	AW2281	AW231	AW321	AW3251
		<b>AX</b> 2251	<b>AX</b> 2281	<b>AX</b> 231		<b>AX</b> 3251

5'-11 5/8"

5'-11 7/8"



Custom-size windows are available in  $^{1/8}$ " (3) increments. Windows can also be custom sized to match standard sizes ending in a sixteenth of an inch. **Single windows only.** 





Stationary

Venting

Choose venting or stationary. **AXW**551 and **AXW**61 windows are stationary only. In addition to venting shown in table, other standard configurations are available for double, triple and stacked windows.

Double, triple and stacked windows shown have one continuous outer frame.

Awning window must be installed to vent as shown and should not be rotated and used as a hopper.

Transom (CTR) window can be used over casement or awning windows and may be rotated 90° and used as a sidelight with casement, awning or picture windows.

<sup>• &</sup>quot;Window Dimension" always refers to outside frame to frame dimension.

<sup>• &</sup>quot;Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items.

Dimensions in parentheses are in millimeters.



## CASEMENT/AWNING WINDOWS

### **Custom/Replacement Window Size Range**

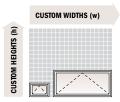


Available in <sup>1</sup>/8" (3) increments between minimum and maximum widths and heights. Windows can also be custom sized to match standard sizes ending in a sixteenth of an inch. Some restrictions apply, contact your Andersen supplier.

Custom sizing is available for single windows only. To achieve custom-size double or triple combinations, join custom-size single windows. For minimum rough opening dimensions for joined windows see specific joining instruction guides.

Measurement guide for custom sized windows can be found at andersenwindows.com/measure.

Minimum and maximum widths and heights.



#### **Awning Stationary**

(w)  $2'-0^{1}/8"$  (613) to  $5'-11^{7}/8"$  (1826) X (h) 1'-5" (432) to  $2'-11^{15}/16"$  (913)

#### **Awning Venting**

(w)  $2'-0^{1}/8"$  (613) to 4'-0" (1219) X (h) 1'-5" (432) to 4'-0" (1219)

(w) 4'-0  $^1/8"$  (1222) to 5'-11  $^7/8"$  (1826) X (h) 1'-5" (432) to 2'-11  $^7/8"$  (911)

Awning windows wider than 4'-11 $^{7}$ /8" (1521) & taller than 2'-7 $^{1}$ /2" (800) must be stationary only.

## **Custom/Replacement Awning Window Opening Specifications**

Clear Opg.	Width = window width - 4.53" (115)		Min. R.O.	Width = window width + $\frac{1}{2}$ " (13)
	Height = $6.38$ " (162) = $6.44$ " (164) = $6.50$ " (165)	Height $\geq$ 17" (432) and < 20 $^{1}/^{2}$ " (521) Height $\geq$ 20 $^{1}/^{2}$ " (521) and < 24 $^{1}/^{8}$ " (613) All other window heights		Height = window height + 1/2" (13)
Vent Opg.	<b>width</b> = window width - 4.53" (115)		Unobstr.	<b>width</b> = window width - 4.81" (122)
	Height = $6.38$ " (162) = $6.44$ " (164) = $6.50$ " (165)	Height $\geq$ 17" (432) and < 20 $^{1}/^{2}$ " (521) Height $\geq$ 20 $^{1}/^{2}$ " (521) and < 24 $^{1}/^{8}$ " (613) All other window heights		Height = window height - 4.51" (115)

<sup>•</sup> Dimensions in parentheses are in millimeters.

Refer to andersenwindows.com/measure for detailed instructions on how to properly measure for custom-size windows.