

Residential skylight

Tested performance information

Glass	V/ V	Tested Perf	ormance Inf	ormation	
	04	06**	08	10	99 94
	odon/(e.dilina	Cion I mox. O	75 Pa (1,57 lis/	ir ) बोर्गभाभावता हा	esaurei)
√s/m²	0.2	₹0:4	0:2	0:3	0.2
cfm/ft²	0.03	0.07	. ≟ 0.03	0.06	0:03
	elesti ieroW 25. komi		in"/milin (15 UST grassiura With ind		
Pascals 👙	720	720	720	720	720
lbs/ft <sup>2</sup>	15	15	15	15	15
	गतिकारमधी हाड	i Ormanie (S	gained, complete	poli valgas)	
				Ith NFRC-certified	
				ed Products Direct re on the last pag	
U-Factor	0.42	<b>40.40</b>	0.42	0.41	0.37
(Btu/fir-ft <sup>2</sup> *F)		0.23	0,22	0 <b>.2</b> 3	0.23
SHGC	0.23 :0.53	0.52	0.22	0.52	0.52
ADDRESS OF THE PROPERTY OF T	And the second s		ia (Qa) Va		
(300-330 ma) <b>12</b> 1	**99 <del>*</del> 9	199:9	ולים אין הכפלה לייי	2015 S. P. 99. 9 (1907)	9919
· · · · · · · · · · · · · · · · · · ·	Pading pro	iraio, h (K	odrnani dama	je fuhskom)	
(300-a00 min) 👸	ii <b>83:1</b> iii ii	84:6	(88.4	Hat. E83.2   HOLD	
	ः डीलाइस्टा	Pariornamea:	Parionnanga Gri	gde or DIPT a	
Tested Size			Uplic (bs/iii)		
S06	<b>≯65</b>	65 Jewi		80 (11)	15 (1) M65 (1)
M08	1.05	65	105	85	105
*C06	nit.	ers entr	n.r.	90	%n:r.
Tested Size			ownload (65%		
S06	370	and (300 arm)	370	J 860	370
, ,,,,	440	360	440	1090	440
M08		ner.	NAMES OF TAXABLE PARTY.	1200	

## CASEMENT/AWNING WINDOWS

# **Table of Casement and Transom Window Sizes**

Scale  $\frac{1}{8}$ " (3) = 1'-0" (305) - 1:96

Scale 78 (S) - 1-0 (	, <b>3</b> 00) — 1	1,90								•
Window Dimension	1'-5" (432)	1'-8 1/2" (521)	2'-0 1/8" (613)	2'-43/8" (721)	2'-7 <sup>1</sup> /2" (800)	2'-11 <sup>15</sup> / <sub>16"</sub> (913)	2'-93/4" (857)	3'-4 <sup>3</sup> / <sub>4</sub> " (1035)	4'-0" (1219)	4'-8 1/2" (1435)
Minimum Rough Opening	1'-5 <sup>1</sup> /2" (445)	1'-9" (533)	2'-0 5/8" (625)	2'-4 1/8" (733)	2'-8" (813)	3'-0 1/2" (927)	2'-10 <sup>1</sup> /4" (870)	3'-51/4" (1048)	4'-01/2" (1232)	4'-9" (1448)
Unobstructed Glass (casement, single sash only)	12 5/8" (321)	16 1/a" (410)	19 3/4" (502)	24" (610)	27 ½* (689)	31 <sup>9</sup> /16* (802)	12 <sup>5/8</sup> " (321)	16 ½" (410)	19 <sup>3</sup> /4" (502)	(610)
Unobstructed Glass (transom, single sash only)	123/16"	15 11/16"	19 5/16" (491)	23 <sup>9</sup> /16" (599)	26 <sup>11</sup> /16" (678)	31 ½8" (791)	28 <sup>15</sup> / <sub>16</sub> " (735)	35 <sup>15</sup> /16" (913)	43 <sup>3</sup> /16" (1097)	51 <sup>11</sup> / <sub>16</sub> " (1313)
1'-0" (305) 1'-0 1/2" (318) 7 3/16" (183)	CTR1510	CTR1810	'-5" to 7'-0 5 CTR2010	CTR2410	CTR2810	CTR3010	CTR2910	CTR3410	CTR4010	CTR4810
1-0" (305) 1-0 1/2" (318) 7 3/16" (183)								CTR21810	CTR22010	CTR22410
	CHETOM	unprue 4	'-5" to 2'-11	15/!!						
2'-0 ¼e" (613) 2'-0 5/e" (625) 19 5/e" (491) 5'-1.1 ¼e"	CR12	CN12	C12	CW12*						
2.43/g" (721) 2.47/g" (733) 2334/g" (598)								CN22	<b>C22</b>	cw22*
501	CR125	CN125	C125	CW125*	CX125			CN225	C225	CW225*
	Z CR13	CN13	C13	CW13*	<b>CX</b> 13	2VIII13	CR23	CN23	C23	CW23*
3.413/16" (1037) (1051) 36" (914) CUSTOM	CR135	CN135	C135	CW135°*	CX135 <sup>0</sup>	CXW135°	CR235	CN235	C235	CW2350+
4-0" (1219) 4-0 1/2" (1232) 43 3/16" (1097)	CR14	CN14	C14	CW140*	CX14º	CXW14º	CR24	CN24	C24	CW24 <sup>0+</sup>
4.4.13/1s" (1341) 4.5.3/g" (1356) 48" (1219)	CR145	CN145	C145	CW1450*	CX145°	CXW145°	CR245			
4-11 7g" (1521) 5-0 3g" (1534) 55 4/g" (1399)	CR15	CN15	C15	CW150*	CX15°	CXW15***	CR25	CN245	C245	CW2450*
5-413/16" (1645) 5-53/6" (1660) 60" (1524)	CR155	CN155	C155	CW1550*	CX155°	CXW1550**	CR255	CN255	C255	CW255**
5-117%" (1826) 6-03%" (1838) 67746"	CR16	CN16	<b>C</b> 16	CW160+	CX16°	CXW16***	CR26	CN26	C26	CW26**

<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.
• Meet or exceed clear opening area of 5.7 sq.ft. or 0.53 m², clear opening width of 20" (508) and clear opening height of 24" (610) with appropriate hardware, straight or split arm operator, specified.
• Meet clear opening width of 20" (508) using sill hinge control bracket with split arm operator specified.
• Available with straight arm operators only.



5'-2 3/4" (1594) 5'-3 1/4" (1607) 27 1/6" (689) 57 15/16" (1472)  CTR5210	5'-115'6" (1819) 6'-01'6" (1832) 31 9'16" (802) 66 13/16" (1697)  CTR51110	5'-1" (1549) 5'-1 1/2" (1562) 16 1/8" (410) 56 3/16" (1427)  CTR5110	5'-11 7/e" (1826) 5'-0 3/e* (1838) 19 3/4* (502) 67 1/1e* (1703)  CTR6010	7'-05/8" (2149) 7'-11/8" (2162) 24" (610) 7913/16" (2027)  CTR7010	Custom-size windows are available in ½" (3) increments. Windows can also be custom sized to match standard sizes ending in a sixteenth of an inch. Single windows only.
CX235° CX245° CX245°	CXW235°  CXW24°  CXW245°  CXW25°**	CN325 CN335 CN335 CN34 CN345 CN35	C325 C325 C325 C335 C334 C345 C345	CW325°  CW325°  CW335°  CW345°  CW345°  CW345°	Choose left, right or stationary as viewed from the exterior. In addition to venting shown in table, other standard configurations are available for single, double and triple windows. Transom (CTR) windows are stationary only.  Double and triple windows shown have one continuous outer frame.  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>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.

Meet or exceed clear opening area of 5,7 sq. ft. or 0.53 m², clear opening width of 20" (508) and clear opening height of 24" (610) with appropriate hardware, straight or split arm operator, specified.

Meet or exceed clear opening width of 20" (508) using sill hinge control bracket with split arm operator specified (bracket can be pivoted for cleaning position) and meet clear opening width of 22" (559) with straight arm operator specified.</sup> 



## 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.

CUSTOM HEIGHTS (h)



### Casement Stationary/Venting

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

### Casement/Awning Transom (CTR)

(w) 1'-5" (432) to 7'-05/8" (2150) X (h) 1'-0" (305)

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

with = window width = 5.81* (148)	Width ≥ 24 ½ (613) with straight arm operator	Min. R.O.	Width ≈ window width + 1/2" (13)
=(window width – 9.66" (245)) X 1.07	Width ≥ 28 3/8" (721) with straight arm operator & control bracket		Holght = Window height + 1/2" (13)
		<del>│</del> <del>╟┤┪</del>	magaz wagan nagar 12 (sa)
· · · · · · · · · · · · · · · · · · ·			
= Window neight - 4.85" (123)	All other window heights		
width = Window width = 5.81" (148)	Width $\geq 24^{-1}/a^*$ (613) with straight arm operator	Unobstr.	width = Window width = 4.40" (112)
= window width = 6.10" (155)	Width ≥ 17" (432) with split arm operator		Height = window height - 4,95" (126)
Halght = Window height ~ 4.43" (113)	Height $\geq 40^{-13}/16^{\circ}$ (1037) and $< 48^{\circ}$ (1219); Width $\geq 28^{-3}/8^{\circ}$ (721) and $< 31^{-1}/2^{\circ}$ (800)	│ <del>│</del> ┩╸	Height = Willhow Beight - 4,90. (120)
= window height ~ 4.85* (123)	All other window heights		•
	=(window width - 9.66" (245)) X 1.07 = window width - 9.70" (246)  Halght = window height - 4.43" (113) = window height - 4.85" (123)  Wisth = window width - 5.81" (148) = window width - 6.10" (155)  Halght = window height - 4.43" (113)		= (window width $-9.66"$ (245) X 1.07

Dimensions in parentheses are in millimeters

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