

400 SERIES BAY & BOW WINDOWS



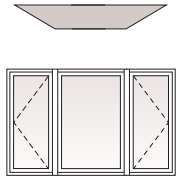
Casement Bay Window Sizing

30° and 45° bay windows are available in a variety of standard-sized Andersen 400 Series casement window configurations, covering widths in approximately 4" (102) increments between the minimum/maximum total widths. Custom-size bow windows are available in 1/8" (3) increments. See pages 104-105 for more information.

CASEMENT 30°, 45° & 90° BAY WINDOWS

Order Description Examples

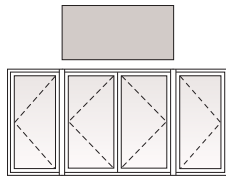
Picture w/Casement Flankers



30BAY C145-P3045-C145

30° Bay
Casement Flanker Size
45° Bay
Picture Size
90° Bay
(single or joined combination)

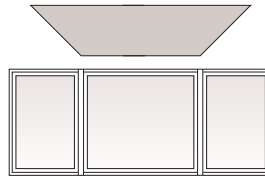
Casement w/Casement Flankers



90BOX CW145-CW245-CW145

30° Bay
Casement Flanker Size
45° Bay
Casement Size
90° Bay
(single, twin, triple or joined combination)

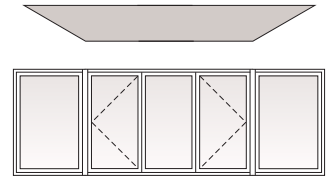
Picture w/Picture Flankers



45BAY P3045-P5045-P3045

30° Bay
Picture Flanker Size
45° Bay
Picture Size
90° Bay
(single or joined combination)

Casement w/Picture Flankers



30BAY P3045-CW34-P3045

30° Bay
Picture Flanker Size
45° Bay
Casement Size
90° Bay
(single, twin, triple or joined combination)

Design Criteria

- Minimum/maximum number units: 3-5
- Flankers (last window on each end of combination) must be of equal size
- Flankers (last window on each end of combination) must be single units
- Center units can be single, twin or triple casement units, casement picture units or joined combinations of casement units
- Center units used in joined combinations must be of equal size.

MINIMUM/MAXIMUM WINDOW WIDTH

Window Configuration	Minimum and Maximum Window Width Dimensions
30° Bay	4'-2 5/8" (1286) to 12'-0 1/8" (3661)
45° Bay	3'-10 7/8" (1191) to 12'-1 3/8" (3693)
90° Bay (Box)	2'-1 3/8" (645) to 9'-8 5/8" (2962)

WINDOW HEIGHT

Window Number	Window Dimension Height	Minimum Rough Opening Height
X12	2'-1 5/8" (651)	2'-2 1/8" (664)
X125	2'-5 7/8" (759)	2'-6 3/8" (772)
X13, PXX30	3'-1 7/16" (951)	3'-2" (965)
X135, PXX35	3'-6 5/16" (1075)	3'-6 7/8" (1089)
X14, PXX40	4'-1 1/2" (1257)	4'-2" (1270)
X145, PXX45	4'-6 5/16" (1380)	4'-6 7/8" (1394)
X15, PXX50	5'-1 3/8" (1559)	5'-1 7/8" (1572)
X155, PXX55	5'-6 5/16" (1684)	5'-6 7/8" (1699)
X16, PXX60	6'-1 3/8" (1864)	6'-1 7/8" (1876)

Projection Dimensions

Projection dimension is dependent on the flanker window width along with the bay angle.

Casement Flanker Window Number	CRXX	CNXX	CXX	CWXX	CXXX	CXWXX			
Casement Picture Flanker Window Number						P30XX	P35XX	P40XX	P45XX
30° Bay									
	10 3/16" (259)	11 15/16" (303)	13 3/4" (349)	15 7/8" (403)	17 7/16" (443)	19 11/16" (500)	22 1/8" (562)	25 11/16" (652)	-
45° Bay									
	14 3/16" (360)	16 5/8" (422)	19 3/16" (487)	22 3/16" (564)	24 7/16" (621)	27 9/16" (700)	31" (787)	36 1/16" (916)	39 1/2" (1003)
90° Bay (Box)									
	23" (584)	26 1/2" (673)	30 1/8" (765)	34 3/8" (873)	37 1/2" (953)	41 15/16" (1065)	46 13/16" (1189)	-	-

⚠ WARNING

Proper support of projecting bow and bay windows is required, see installation instructions. Failure to do so may result in injury, product or property damage.

- "Projection" refers to outside of the exterior sheathing to the outer edge of the window.
- One Andersen® cable kit, with two cables, is included with the unit for proper installation. Each cable supports a maximum load of 500 lbs/227 kg; additional support is necessary for loads exceeding 1000 lbs/454 kg.
- Bay and bow window roof and other installation materials provided by other manufacturers.
- For walkout angle bay and bow window details and installation guidelines, contact your Andersen supplier.
- Dimensions in parentheses are in millimeters.

400 SERIES BAY & BOW WINDOWS

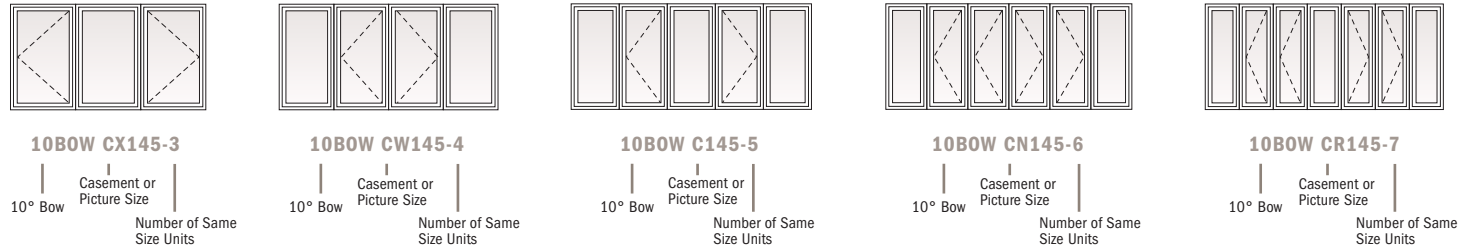


Casement Bow Window Sizing

10° bow windows are available in a variety of standard-sized Andersen 400 Series casement window configurations, covering widths in approximately 4" (102) increments between the minimum/maximum total widths. Custom-size bow windows are available in 1/8" (3) increments. See pages 104-105 for more information.

CASEMENT 10° BOW WINDOWS

Order Description Examples



Design Criteria

- Minimum/maximum number units: 3-7
- All units must be of equal size
- Configuration must be all casement windows (left venting, right venting or stationary) or all casement picture windows*

WINDOW HEIGHT

Window Number	Window Dimension Height	Minimum Rough Opening Height
X12	2'-1 5/8" (651)	2'-2 1/8" (664)
X125	2'-5 7/8" (759)	2'-6 3/8" (772)
X13, PXX30	3'-1 7/16" (951)	3'-2" (965)
X135, PXX35	3'-6 5/16" (1075)	3'-6 7/8" (1089)
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X155, PXX55	5'-6 5/16" (1684)	5'-6 7/8" (1699)
X16, PXX60	6'-1 3/8" (1864)	6'-1 7/8" (1876)

MINIMUM/MAXIMUM WINDOW WIDTH

Window Configuration	Minimum and Maximum Window Width Dimensions
10° Bow	4'-4 1/2" (1334) to 13'-8 3/8" (4175)

Projection Dimensions

Projection dimension is dependent on the window width along with the total number of windows.

Casement Window Number		CRXX	CNXX	CXX	CWXX	CXXX	CXWXX			
Casement Picture Window Number							P35XX	P40XX	P45XX	P50XX
3-Wide		4 5/16" (110)	4 15/16" (125)	5 9/16" (141)	6 5/16" (160)	6 7/8" (175)	7 5/8" (194)	8 7/16" (214)	9 11/16" (246)	10 9/16" (268)
4-Wide		7 3/8" (187)	8 9/16" (217)	9 13/16" (249)	11 5/16" (287)	12 3/8" (314)	13 7/8" (352)	15 9/16" (395)	-	-
5-Wide		10 5/16" (262)	12 1/8" (308)	14" (356)	16 3/16" (411)	17 13/16" (452)	-	-	-	-
6-Wide		14 13/16" (376)	17 1/2" (445)	20 1/4" (514)	-	-	-	-	-	-
7-Wide		19 1/8" (486)	22 11/16" (576)	26 3/8" (670)	-	-	-	-	-	-

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