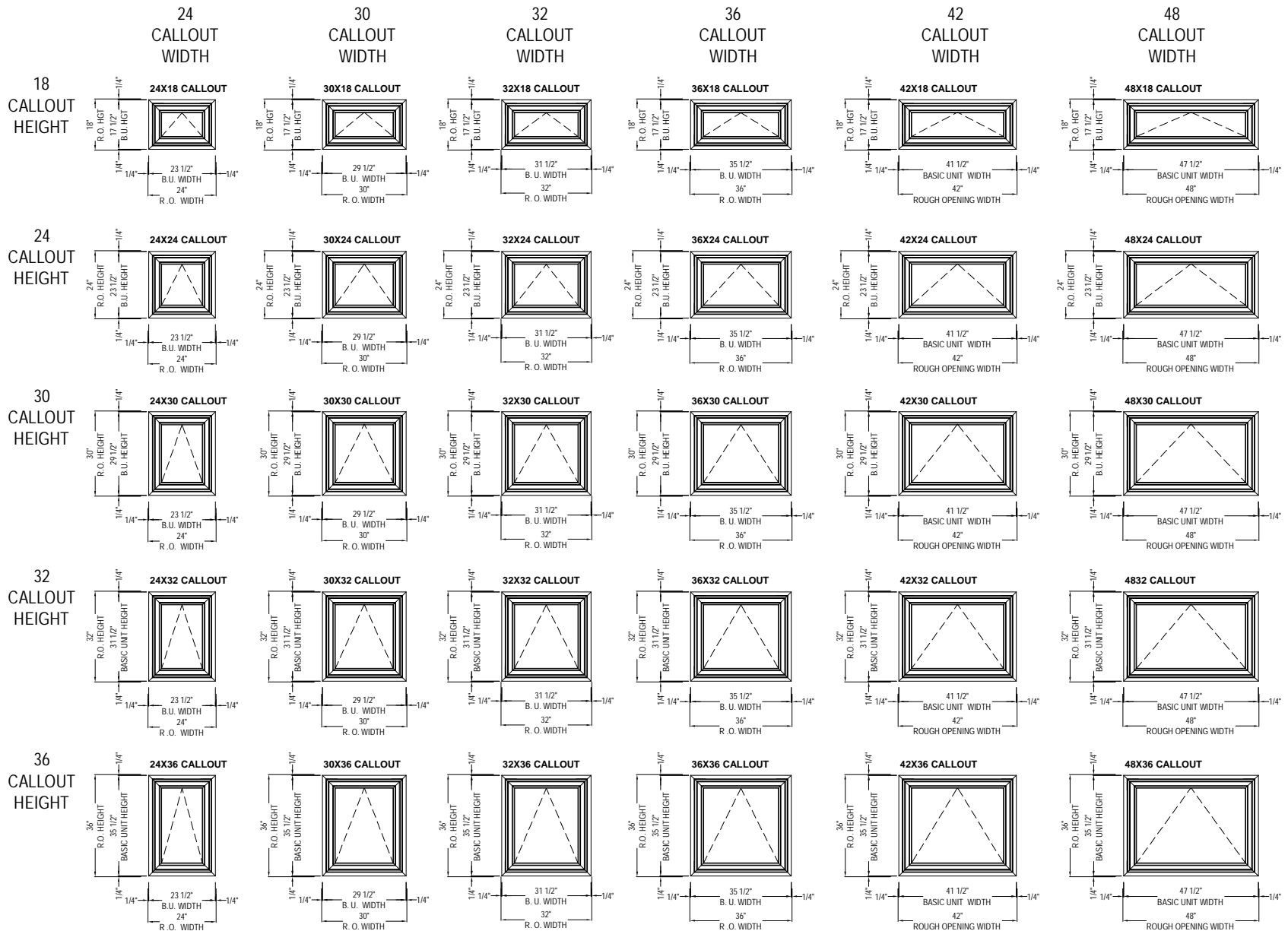


Windows & Doors



Sizing Width Formulas

- Basic Unit Width = Glass Width + 5.688"
- Glass Width = Basic Unit Width - 5.688"
- Sash Width = Basic Unit Width - 2.188" OR Glass Width + 3.50"
- Screen Width = Basic Unit Width - 5.062"

Sizing Height Formulas

- Basic Unit Height = Glass Height + 5.688"
- Glass Height = Basic Unit Height - 5.688" OR Sash Height - 3.50"
- Sash Height = Basic Unit Height - 2.188" OR Glass Height + 3.50"
- Screen Height = Basic Unit Height - 5.125"

Also available in 2, 3 & 4 Wide Configurations

Awning Window

CALL OUT & R. O.	BASIC UNIT SIZE (WIDTH & HGT)	SASH SIZE (WIDTH & HEIGHT)	GLASS SIZE (WIDTH & HEIGHT)	DAYLIGHT OPENING SQ. FT.
24 x 18	23.50" x 17.50"	21.3125" x 15.3125"	17.8125" x 11.8125"	1.2623
24 x 24	23.50" x 24.50"	21.3125" x 22.3125"	17.8125" x 17.8125"	1.9629
24 x 30	23.50" x 29.50"	21.3125" x 27.3125"	17.8125" x 23.8125"	2.6634
24 x 32	23.50" x 31.50"	21.3125" x 29.3125"	17.8125" x 25.8125"	2.8969
24 x 36	23.50" x 35.50"	21.3125" x 33.3125"	17.8125" x 29.8125"	3.36396

Day Light Opening Sizing Formulas

DLO Height = Glass Height - 1.00"

DLO Width = Glass Width - 1.00"

Sizing Width Formulas

- Basic Unit Width = Glass Width + 5.688"
- Glass Width = Basic Unit Width - 5.688"
- Sash Width = Basic Unit Width - 2.188" OR Glass Width + 3.50"
- Screen Width = Basic Unit Width - 5.062"

Sizing Height Formulas

- Basic Unit Height = Glass Height + 5.688"
- Glass Height = Basic Unit Height - 5.688" OR Sash Height - 3.50"
- Sash Height = Basic Unit Height - 2.188" OR Glass Height + 3.50"
- Screen Height = Basic Unit Height - 5.125"

CALL OUT & R. O.	BASIC UNIT SIZE (WIDTH & HGT)	SASH SIZE (WIDTH & HEIGHT)	GLASS SIZE (WIDTH & HEIGHT)	DAYLIGHT OPENING SQ. FT.
30 x 18	29.50" x 17.50"	27.3125" x 15.3125"	23.8125" x 11.8125"	1.7129
30 x 24	29.50" x 24.50"	27.3125" x 22.3125"	23.8125" x 17.8125"	2.6634
30 x 30	29.50" x 29.50"	27.3125" x 27.3125"	23.8125" x 23.8125"	3.61396
30 x 32	29.50" x 31.50"	27.3125" x 29.3125"	23.8125" x 25.8125"	3.9308
30 x 36	29.50" x 35.50"	27.3125" x 33.3125"	23.8125" x 29.8125"	4.5645

CALL OUT & R. O.	BASIC UNIT SIZE (WIDTH & HGT)	SASH SIZE (WIDTH & HEIGHT)	GLASS SIZE (WIDTH & HEIGHT)	DAYLIGHT OPENING SQ. FT.
32 x 18	31.50" x 17.50"	29.3125" x 15.3125"	25.8125" x 11.8125"	1.86309
32 x 24	31.50" x 24.50"	29.3125" x 22.3125"	25.8125" x 17.8125"	2.8969
32 x 30	31.50" x 29.50"	29.3125" x 27.3125"	25.8125" x 23.8125"	3.9308
32 x 32	31.50" x 31.50"	29.3125" x 29.3125"	25.8125" x 25.8125"	4.2754
32 x 36	31.50" x 35.50"	29.3125" x 33.3125"	25.8125" x 29.8125"	4.9645

CALL OUT & R. O.	BASIC UNIT SIZE (WIDTH & HGT)	SASH SIZE (WIDTH & HEIGHT)	GLASS SIZE (WIDTH & HEIGHT)	DAYLIGHT OPENING SQ. FT.
36 x 18	35.50" x 17.50"	33.3125" x 15.3125"	29.8125" x 11.8125"	2.1634
36 x 24	35.50" x 24.50"	33.3125" x 22.3125"	29.8125" x 17.8125"	3.3696
36 x 30	35.50" x 29.50"	33.3125" x 27.3125"	29.8125" x 23.8125"	4.5645
36 x 32	35.50" x 31.50"	33.3125" x 29.3125"	29.8125" x 25.8125"	4.96465
36 x 36	35.50" x 35.50"	33.3125" x 33.3125"	29.8125" x 29.8125"	5.765

CALL OUT & R. O.	BASIC UNIT SIZE (WIDTH & HGT)	SASH SIZE (WIDTH & HEIGHT)	GLASS SIZE (WIDTH & HEIGHT)	DAYLIGHT OPENING SQ. FT.
42 x 18	41.50" x 17.50"	39.3125" x 15.3125"	35.8125" x 11.8125"	2.61396
42 x 24	41.50" x 24.50"	39.3125" x 22.3125"	35.8125" x 17.8125"	4.06448
42 x 30	41.50" x 29.50"	39.3125" x 27.3125"	35.8125" x 23.8125"	5.5150
42 x 32	41.50" x 31.50"	39.3125" x 29.3125"	35.8125" x 25.8125"	5.9985
42 x 36	41.50" x 35.50"	39.3125" x 33.3125"	35.8125" x 29.8125"	6.9655

CALL OUT & R. O.	BASIC UNIT SIZE (WIDTH & HGT)	SASH SIZE (WIDTH & HEIGHT)	GLASS SIZE (WIDTH & HEIGHT)	DAYLIGHT OPENING SQ. FT.
48 x 18	47.50" x 17.50"	45.3125" x 15.3125"	41.8125" x 11.8125"	3.06448
48 x 24	47.50" x 24.50"	45.3125" x 22.3125"	41.8125" x 17.8125"	4.765
48 x 30	47.50" x 29.50"	45.3125" x 27.3125"	41.8125" x 23.8125"	6.4655
48 x 32	47.50" x 31.50"	45.3125" x 29.3125"	41.8125" x 25.8125"	7.0324
48 x 36	47.50" x 35.50"	45.3125" x 33.3125"	41.8125" x 29.8125"	8.166

2 - WIDE

3 - WIDE

4 - WIDE

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
24 x 18 - 2W	46 3/8" x 17 1/2"
24 x 24 - 2W	46 3/8" x 23 1/2"
24 x 30 - 2W	46 3/8" x 29 1/2"
24 x 32 - 2W	46 3/8" x 31 1/2"
24 x 36 - 2W	46 3/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
24 x 18 - 3W	69 1/4" x 17 1/2"
24 x 24 - 3W	69 1/4" x 23 1/2"
24 x 30 - 3W	69 1/4" x 29 1/2"
24 x 32 - 3W	69 1/4" x 31 1/2"
24 x 36 - 3W	69 1/4" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
24 x 18 - 4W	92 1/8" x 17 1/2"
24 x 24 - 4W	92 1/8" x 23 1/2"
24 x 30 - 4W	92 1/8" x 29 1/2"
24 x 32 - 4W	92 1/8" x 31 1/2"
24 x 36 - 4W	92 1/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
30 x 18 - 2W	58 3/8" x 17 1/2"
30 x 24 - 2W	58 3/8" x 23 1/2"
30 x 30 - 2W	58 3/8" x 29 1/2"
30 x 32 - 2W	58 3/8" x 31 1/2"
30 x 36 - 2W	58 3/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
30 x 18 - 3W	87 1/4" x 17 1/2"
30 x 24 - 3W	87 1/4" x 23 1/2"
30 x 30 - 3W	87 1/4" x 29 1/2"
30 x 32 - 3W	87 1/4" x 31 1/2"
30 x 36 - 3W	87 1/4" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
30 x 18 - 4W	116 1/8" x 17 1/2"
30 x 24 - 4W	116 1/8" x 23 1/2"
30 x 30 - 4W	116 1/8" x 29 1/2"
30 x 32 - 4W	116 1/8" x 31 1/2"
30 x 36 - 4W	116 1/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
32 x 18 - 2W	62 3/8" x 17 1/2"
32 x 24 - 2W	62 3/8" x 23 1/2"
32 x 30 - 2W	62 3/8" x 29 1/2"
32 x 32 - 2W	62 3/8" x 31 1/2"
32 x 36 - 2W	62 3/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
32 x 18 - 3W	93 1/4" x 17 1/2"
32 x 24 - 3W	93 1/4" x 23 1/2"
32 x 30 - 3W	93 1/4" x 29 1/2"
32 x 32 - 3W	93 1/4" x 31 1/2"
32 x 36 - 3W	93 1/4" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
32 x 18 - 4W	124 1/8" x 17 1/2"
32 x 24 - 4W	124 1/8" x 23 1/2"
32 x 30 - 4W	124 1/8" x 29 1/2"
32 x 32 - 4W	124 1/8" x 31 1/2"
32 x 36 - 4W	124 1/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
36 x 18 - 2W	70 3/8" x 17 1/2"
36 x 24 - 2W	70 3/8" x 23 1/2"
36 x 30 - 2W	70 3/8" x 29 1/2"
36 x 32 - 2W	70 3/8" x 31 1/2"
36 x 36 - 2W	70 3/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
36 x 18 - 3W	105 1/4" x 17 1/2"
36 x 24 - 3W	105 1/4" x 23 1/2"
36 x 30 - 3W	105 1/4" x 29 1/2"
36 x 32 - 3W	105 1/4" x 31 1/2"
36 x 36 - 3W	105 1/4" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
36 x 18 - 4W	140 1/8" x 17 1/2"
36 x 24 - 4W	140 1/8" x 23 1/2"
36 x 30 - 4W	140 1/8" x 29 1/2"
36 x 32 - 4W	140 1/8" x 31 1/2"
36 x 36 - 4W	140 1/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
42 x 18 - 2W	82 3/8" x 17 1/2"
42 x 24 - 2W	82 3/8" x 23 1/2"
42 x 30 - 2W	82 3/8" x 29 1/2"
42 x 32 - 2W	82 3/8" x 31 1/2"
42 x 36 - 2W	82 3/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
42 x 18 - 3W	123 1/4" x 17 1/2"
42 x 24 - 3W	123 1/4" x 23 1/2"
42 x 30 - 3W	123 1/4" x 29 1/2"
42 x 32 - 3W	123 1/4" x 31 1/2"
42 x 36 - 3W	123 1/4" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
42 x 18 - 4W	164 1/8" x 17 1/2"
42 x 24 - 4W	164 1/8" x 23 1/2"
42 x 30 - 4W	164 1/8" x 29 1/2"
42 x 32 - 4W	164 1/8" x 31 1/2"
42 x 36 - 4W	164 1/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
48 x 18 - 2W	94 3/8" x 17 1/2"
48 x 24 - 2W	94 3/8" x 23 1/2"
48 x 30 - 2W	94 3/8" x 29 1/2"
48 x 32 - 2W	94 3/8" x 31 1/2"
48 x 36 - 2W	94 3/8" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
48 x 18 - 3W	141 1/4" x 17 1/2"
48 x 24 - 3W	141 1/4" x 23 1/2"
48 x 30 - 3W	141 1/4" x 29 1/2"
48 x 32 - 3W	141 1/4" x 31 1/2"
48 x 36 - 3W	141 1/4" x 35 1/2"

CALL OUT & ROUGH OPENING.	BASIC UNIT SIZE (WIDTH & HEIGHT)
48 x 18 - 4W	188 1/8" x 17 1/2"
48 x 24 - 4W	188 1/8" x 23 1/2"
48 x 30 - 4W	188 1/8" x 29 1/2"
48 x 32 - 4W	188 1/8" x 31 1/2"
48 x 36 - 4W	188 1/8" x 35 1/2"