NARROLINE® DOUBLE-HUNG WINDOWS

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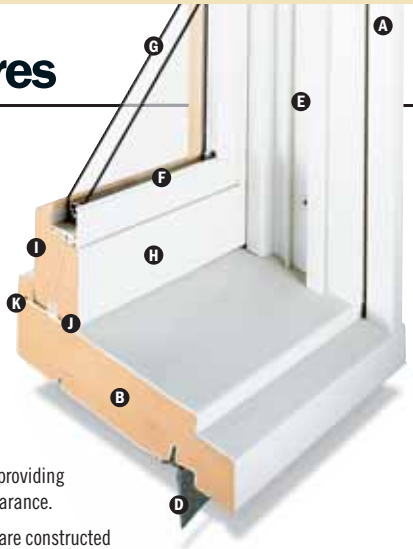


FRAME

A Exterior outer frame members are treated with a water-repellent preservative and covered with a pre-formed rigid vinyl PVC cladding, minimizing maintenance and providing an attractive appearance.

B Sill members are constructed with a solid wood core, treated with water-repellent preservative and covered with a pre-formed rigid vinyl PVC cover.

C A factory-applied rigid vinyl anchoring flange on the head and sides of the outer frame helps secure the unit to the structure. Flanges are reversible to accommodate 4 1/2" and 4 1/8" wall thickness.

D A flexible vinyl windbreak, which is factory-applied to the sill, provides a reliable weather seal under the sill.

E White rigid vinyl jamb liners provide smooth, easy movement.

GLASS

F A rigid vinyl or CPVC glazing bead features a flexible lip that, combined with silicone glazing, provides superior weathertightness.

G Choose Low-E or dual-pane insulating glass. Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

A removable translucent film helps shield the glass from damage during delivery and construction and simplifies finishing at the jobsite.

SASH

H A patented white Flexacron® finish is electrostatically applied to penetrate all exterior surfaces for maximum protection and a lustrous finish.

I Sash interior surfaces are unfinished pine. Low-maintenance prefinished white interiors are also available on units with White exteriors.

J A variety of weatherstripping, including pile weatherstrips on the jamb liners, vinyl-wrapped foam weatherstrip between the sash and the frame, and a compressible bulb weatherstrip on the check rail, maximize weathertightness and energy efficiency.

Overhead counterbalances provide ease of operation for upper and lower sash.

"Flexacron" is a trademark of PPG Industries, Inc.

* For complete information on our limited warranties, visit andersenwindows.com or contact your Andersen supplier.

For more information about **glass, patterned glass, art glass, grilles, TruScene® insect screen and installation accessories,** see pages 12–32 or visit andersenwindows.com

Exterior

Specify a unit exterior option and an interior option to complete your order.

White Sandtone

Interior

white pine

Prefinished white interiors are available on units with white exteriors. Naturally occurring variations in grain, color and texture make each window one-of-a-kind.

Hardware

Lock & Keeper

The cam-operated lock & keeper is made for easy operation and long life* and comes standard with double-hung window. **Stone** finish is standard with natural interior units. White finish comes with prefinished white interiors.

Classic Series™ Lifts

Available in **white** or stone finish. Sold separately. Do not use with units featuring PG 50 upgrade. See page 82 for other lift options.

Hardware Finishes

white stone

Accessories

Sold Separately.

FRAME

Pine Stool

Standard jamb depth is 4 1/2". A pine stool is available and ready for finishing. The Narroline® stool is available in 4 1/2" for use in wall depths up to 5 1/4" and 6 9/16" for use in wall depths up to 7 1/8".

SILL STOP

K Andersen® sill stops are available in prefinished white color. (Use in drywall return and picture frame trim installations.)

PERFORMANCE GRADE (PG) UPGRADE

A high inside sill is available to provide additional structural support for Narroline® double-hung units, allowing the windows to achieve PG 50 performance. Performance Grade Ratings replace Design Pressure Ratings for measuring product performance. See page 269. Specify pine sill stop or stool. The use of these components will subtract 7/8" from clear opening height.

INSECT SCREENS

EXCLUSIVE

TruScene® Insect Screen

TruScene insect screens are made with a micro-fine stainless steel mesh that's one-third the diameter of our aluminum screen wire. They provide over 50% more clarity than our conventional insect screens. They also let more sunlight and fresh air into the home.

Conventional Insect Screen

Conventional insect screens have charcoal powder-coated aluminum screen cloth.

Insect Screen Frame

Insect screen frame available in White and Sandtone colors to match product exteriors.

BAY WINDOWS

Andersen® 200 Series Narroline double-hung windows are available in standard bay window configurations. See page 99 for sizes and detail illustrations.

DOUBLE-HUNG CONVERSION KIT

Designed to convert 1968 and newer Narroline® windows to tilt-wash style double-hungs with High-Performance™ Low-E4® glass. For more information see page 92.

Opening Control Device Kit

A kit is available, which limits raising the sash to less than 4 inches when the window is first opened. Available in stone and white.

NEW

EXTERIOR TRIM

This product now available with Andersen Exterior Trim. See pages 141–144 for details.

CAUTION:

- Painting and staining may cause damage to rigid vinyl.
- Products in Sandtone color may be painted any color lighter than Sandtone using quality oil-base or latex paint. Submit color samples to Andersen for approval when painting White. Submit color samples to Andersen for approval when painting Sandtone any color darker than Sandtone.
- Creosote-based stains should not come in contact with Andersen products.
- Do not paint weatherstripping.
- Abrasive cleaners or solutions containing corrosive solvents should not be used on Andersen products.
- For vinyl painting instructions and preparation, contact your Andersen supplier.
- Andersen does not warrant the adhesion of paint to vinyl.

Table of Narroline® Double-Hung Window Sizes

Scale 1/8" = 1'-0" (1:96)

Window Dimension	1'-9 5/8"	2'-1 5/8"	2'-5 5/8"	2'-9 5/8"	3'-1 5/8"	3'-5 5/8"	3'-9 5/8"
Minimum Rough Opening	1'-10 1/8"	2'-2 1/8"	2'-6 1/8"	2'-10 1/8"	3'-2 1/8"	3'-6 1/8"	3'-10 1/8"
Unobstructed Glass (lower sash only)	16 7/16"	20 7/16"	24 7/16"	28 7/16"	32 7/16"	36 7/16"	40 7/16"
See Circle Top™ chart		CTN20	CTN24	CTN28	CTN30	CTN34	
3'-1 1/4" (3'-1 1/4" / 13 15/16")	18210	20210	24210	28210	30210	34210	38210
3'-5 1/4" (3'-5 1/4" / 15 15/16")	1832	2032	2432	2832	3032	3432	3832
4'-1 1/4" (4'-1 1/4" / 19 15/16")	18310	20310	24310	28310	30310	34310	38310
4'-5 1/4" (4'-5 1/4" / 21 15/16")	1842	2042	2442	2842	3042	3442	3842
4'-9 1/4" (4'-9 1/4" / 23 15/16")	1846	2046	2446	2846	3046◊	3446◊	3846◊
5'-5 1/4" (5'-5 1/4" / 27 15/16")	1852	2052	2452	2852◊	3052◊	3452◊	3852◊
5'-9 1/4" (5'-9 1/4" / 23 15/16" / 35 15/16")	1856	2056	2456	2856	3056◊	3456◊	3856◊
6'-5 1/4" (6'-5 1/4" / 33 15/16")	1862	2062	2462	2862◊	3062◊	3462◊	3862◊

Table of Narroline® Circle Top™ Window Sizes

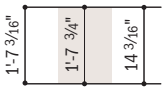
Scale 1/8" = 1'-0" (1:96)

Window Dimension	2'-1 5/8"	2'-5 5/8"
Minimum Rough Opening	2'-2 1/8"	2'-6 1/8"
Unobstructed Glass	20 3/8"	24 3/8"

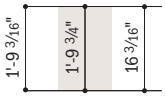
CTN20

CTN24

	2'-9 5/8"	3'-1 5/8"
	2'-10 1/8"	3'-2 1/8"
	28 3/8"	32 3/8"

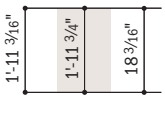


CTN28



CTN30

	3'-5 5/8"
	3'-6 1/8"
	36 3/8"

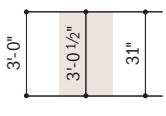


CTN34

Sash travel is restricted on 6'-5 1/4" high windows.

Enhance the performance of Narroline® double-hung windows to Low-E4®, tilt-wash windows with the Andersen® **Double-Hung Conversion Kit**. For more information see page 92.

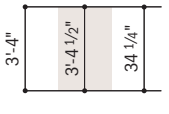
	5'-7 5/16"
	5'-7 7/8"
	62 1/16"



CTN28-2

Combination Units are also available. For more information see page 92.

	6'-3 5/16"
	6'-3 7/8"
	70 1/16"



CTN30-2

Divided light patterns shown on page 229.

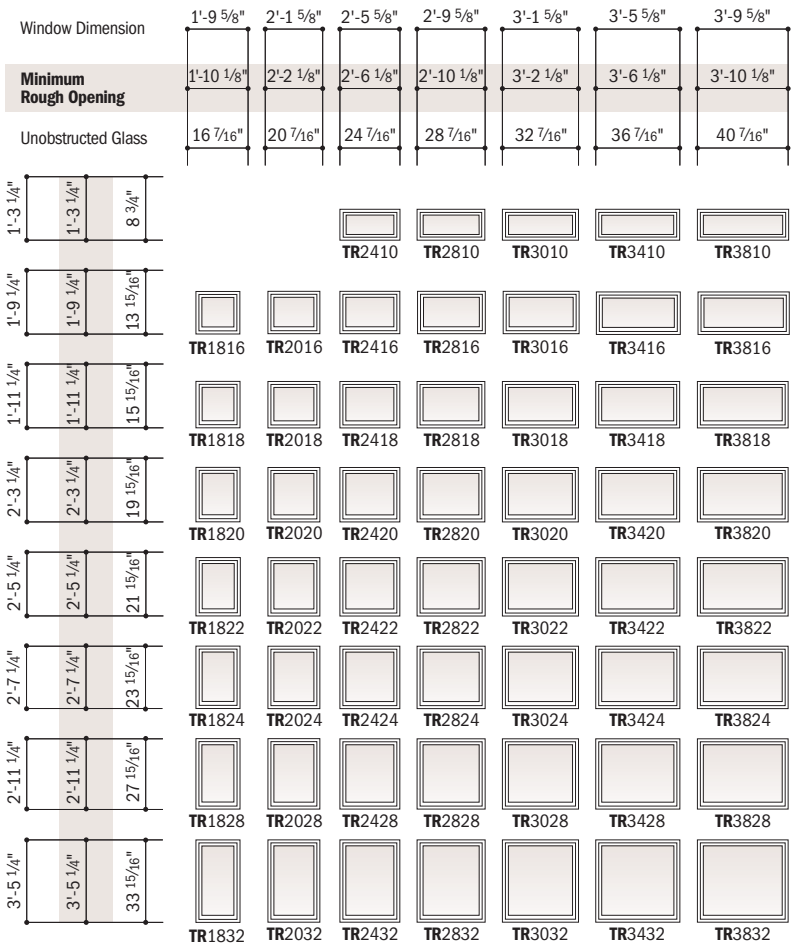
- "Window Dimension" always refers to outside frame to frame dimension.
- "**Minimum Rough Opening**" **dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 33 for more details.**

◊ Meet or exceed clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24". See table on pages 228-229.

NARROLINE® DOUBLE-HUNG WINDOWS

Table of Narroline® Transom Window Sizes

Scale 1/8" = 1'-0" (1:96)



To maximize the unobstructed glass, **TR**10 sizes have a shorter bottom rail, see joining details on page 230.

Divided light patterns shown on page 229.

- "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. See page 33 for more details.**

Narroline® Double-Hung Window Opening Specifications

Window Number	Clear Opening Sq. Ft.	Clear Opening Full Open Position Width Inches	Clear Opening Full Open Position Height Inches	Glass Area Sq. Ft.	Vent Sq. Ft.	Top of Subfloor to Top of Inside Sill Stop Inches	Overall Window Area Sq. Ft.
18210	1.89	18 11/16"	14 1/2"	3.19	1.91	48 1/8"	5.60
1832	2.14	18 11/16"	16 1/2"	3.65	2.17	44 1/8"	6.20
18310	2.66	18 11/16"	20 1/2"	4.56	2.69	36 1/8"	7.40
1842	2.92	18 11/16"	22 1/2"	5.01	2.94	32 1/8"	8.00
1846	3.18	18 11/16"	24 1/2"	5.47	3.20	28 1/8"	8.60
1852	3.70	18 11/16"	28 1/2"	6.38	3.72	20 1/8"	9.80
1856	3.18	18 11/16"	24 1/2"	6.84	3.20	16 1/8"	10.40
1862	3.47	18 11/16"	26 3/4"	7.75	4.50	8 1/8"	11.60
20210	2.29	22 11/16"	14 1/2"	3.96	2.31	48 1/8"	6.63
2032	2.60	22 11/16"	16 1/2"	4.53	2.63	44 1/8"	7.34
20310	3.23	22 11/16"	20 1/2"	5.67	3.26	36 1/8"	8.77
2042	3.55	22 11/16"	22 1/2"	6.24	3.57	32 1/8"	9.48
2046	3.87	22 11/16"	24 1/2"	6.80	3.89	28 1/8"	10.19
2052	4.50	22 11/16"	28 1/2"	7.94	4.52	20 1/8"	11.61
2056	3.87	22 11/16"	24 1/2"	8.51	3.89	16 1/8"	12.32
2062	4.21	22 11/16"	26 3/4"	9.64	5.47	8 1/8"	13.75
24210	2.69	26 11/16"	14 1/2"	4.74	2.72	48 1/8"	7.67
2432	3.06	26 11/16"	16 1/2"	5.42	3.09	44 1/8"	8.49
24310	3.80	26 11/16"	20 1/2"	6.78	3.83	36 1/8"	10.13
2442	4.17	26 11/16"	22 1/2"	7.46	4.20	32 1/8"	10.96
2446	4.55	26 11/16"	24 1/2"	8.13	4.57	28 1/8"	11.78

- "Top of Subfloor to Top of Inside Sill Stop is calculated based upon a structural header height of 6'-10 1/2".

continued on next page

Narroline® Transom Glass Area

Window Number	Glass Area Sq. Ft.	Overall Window Area Sq. Ft.
TR1816	1.59	3.19
TR1818	1.82	1.99
TR1820	2.28	4.09
TR1822	2.50	4.39
TR1824	2.73	4.69
TR1828	3.19	5.29
TR1832	3.87	6.19
TR2016	1.98	3.78
TR2018	2.26	2.36
TR2020	2.83	4.85
TR2022	3.11	5.20
TR2024	3.40	5.56
TR2028	3.97	6.27
TR2032	4.82	7.34
TR2410	1.48	3.14
TR2416	2.37	4.37
TR2418	2.70	2.72
TR2420	3.39	5.61
TR2422	3.72	6.02
TR2424	4.06	6.43
TR2428	4.75	7.25

continued on next page

Narroline® Double-Hung Window Opening Specifications *(continued)*

Window Number	Clear Opening Sq. Ft.	Clear Opening Full Open Position Width Inches	Clear Opening Full Open Position Height Inches	Glass Area Sq. Ft.	Vent Sq. Ft.	Top of Subfloor to Top of Inside Sill Stop Inches	Overall Window Area Sq. Ft.
2452	5.29	26 11/16"	28 1/2"	9.49	5.32	20 1/8"	13.43
2456	4.55	26 11/16"	24 1/2"	10.17	4.57	16 1/8"	14.25
2462	4.96	26 11/16"	26 3/4"	11.53	6.43	8 1/8"	15.89
28210	3.09	30 11/16"	14 1/2"	5.52	3.13	48 1/8"	8.57
2832	3.52	30 11/16"	16 1/2"	6.31	3.55	44 1/8"	9.49
28310	4.37	30 11/16"	20 1/2"	7.89	4.41	36 1/8"	11.33
2842	4.80	30 11/16"	22 1/2"	8.68	4.83	32 1/8"	12.25
2846	5.23	30 11/16"	24 1/2"	9.47	5.26	28 1/8"	13.17
2852 ◊	6.08	30 11/16"	28 1/2"	11.05	6.11	20 1/8"	15.01
2856	5.23	30 11/16"	24 1/2"	11.84	5.26	16 1/8"	15.93
2862 ◊	5.70	30 11/16"	26 3/4"	13.42	7.39	8 1/8"	17.77
30210	3.50	34 11/16"	14 1/2"	6.29	3.53	48 1/8"	9.73
3032	3.98	34 11/16"	16 1/2"	7.19	4.02	44 1/8"	10.78
30310	4.94	34 11/16"	20 1/2"	9.00	4.98	36 1/8"	12.87
3042	5.43	34 11/16"	22 1/2"	9.90	5.46	32 1/8"	13.92
3046 ◊	5.91	34 11/16"	24 1/2"	10.80	5.95	28 1/8"	14.96
3052 ◊ Standard Glazing **1**, **2**	6.87	34 11/16"	28 1/2"	12.60	6.91	20 1/8"	17.05
3052 ◊ Temp Glazing **1**, **2**	5.90	34 11/16"	24 1/2"	12.60	6.91	20 1/8"	17.05
3056 ◊ Standard Glazing	5.91	34 11/16"	24 1/2"	13.50	5.95	16 1/8"	18.10
3056 Tempered Glazing **1**, **3**	3.25	34 11/16"	13 1/2"	13.50	5.95	16 1/8"	18.10
3062 ◊ Standard Glazing **1**, **2**	6.44	34 11/16"	26 3/4"	15.30	8.36	8 1/8"	20.19
3062 Tempered Glazing **1**, **2**	4.22	34 11/16"	17 1/2"	15.30	8.36	8 1/8"	20.19
34210	3.90	38 11/16"	14 1/2"	7.07	3.94	48 1/8"	10.77
3432	4.44	38 11/16"	16 1/2"	8.08	4.48	44 1/8"	11.93
34310	5.51	38 11/16"	20 1/2"	10.10	5.55	36 1/8"	14.24
3442	6.05	38 11/16"	22 1/2"	11.12	6.09	32 1/8"	15.39
3446 ◊	6.59	38 11/16"	24 1/2"	12.13	6.63	28 1/8"	16.55
3452 ◊ Standard Glazing	7.66	38 11/16"	28 1/2"	14.15	7.71	20 1/8"	18.86
3452 ◊ Tempered Glazing **1**, **2**	6.59	38 11/16"	24 1/2"	14.15	7.71	20 1/8"	18.86
3456 ◊ Standard Glazing	6.59	38 11/16"	24 1/2"	15.17	6.63	16 1/8"	20.02
3456 ◊ Tempered Glazing **1**, **4**	–	–	–	15.17	6.32	16 1/8"	20.02
3462 ◊ Standard Glazing	7.19	38 11/16"	26 3/4"	17.19	9.32	8 1/8"	22.33
3462 Tempered Glazing **1**, **2**	2.55	38 11/16"	9 1/2"	17.19	5.02	8 1/8"	22.33
38210	4.32	42 11/16"	14 9/16"	7.8	4.35	48 1/8"	11.80
3832	4.91	42 11/16"	16 9/16"	9.0	4.94	44 1/8"	13.07
38310	6.10	42 11/16"	20 9/16"	11.2	6.13	36 1/8"	15.60
3842	6.69	42 11/16"	22 9/16"	12.3	6.72	32 1/8"	16.87
3846 ◊	7.29	42 11/16"	24 9/16"	13.4	7.30	28 1/8"	18.14
3852 ◊	8.47	42 11/16"	28 9/16"	15.7	8.51	20 1/8"	20.67
3856 ◊	7.29	42 11/16"	24 9/16"	16.8	7.30	16 1/8"	21.94
3862 ◊	7.39	42 11/16"	24 15/16"	19.1	10.28	8 1/8"	24.48

• "Top of Subfloor to Top of Inside Sill Stop" is calculated based upon a structural header height of 6'-10 1/2".
◊ Meet or exceed clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".
1 Limited sash travel due to weight of glass. **2** Vent limiters installed on upper and lower sash. **3** Vent limiters installed on lower sash; upper sash is fully operational. **4** Lower sash is fixed; upper sash is fully operational.

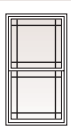
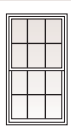
Narroline® Transom Glass Area *(continued)*

Window Number	Glass Area Sq. Ft.	Overall Window Area Sq. Ft.
TR2432	5.76	8.38
TR2810	1.72	3.51
TR2816	2.76	4.89
TR2818	3.15	3.09
TR2820	3.94	6.27
TR2822	4.33	6.83
TR2824	4.73	7.22
TR2828	5.52	8.11
TR2832	6.70	9.63
TR3010	1.96	3.93
TR3016	3.15	5.48
TR3018	3.59	3.46
TR3020	4.50	7.03
TR3022	4.94	7.64
TR3024	5.39	8.16
TR3028	6.30	9.09
TR3032	7.64	10.78
TR3410	2.21	4.41
TR3416	3.53	6.14
TR3418	4.03	3.83
TR3420	5.05	7.88
TR3422	5.55	8.46
TR3424	6.06	9.03
TR3428	7.08	10.19
TR3432	8.59	11.92
TR3810	2.46	4.83
TR3816	3.91	6.73
TR3818	4.48	7.37
TR3820	5.60	8.63
TR3822	6.16	9.27
TR3824	6.72	9.90
TR3828	7.84	11.17
TR3832	9.53	13.07

Narroline® Circle Top™ Glass Area

Window Number	Glass Area Sq. Ft.	Overall Window Area Sq. Ft.
CTN20	1.1	9.63
CTN24	1.6	11.36
CTN28	2.2	3.80
CTN30	2.8	6.12
CTN34	3.6	6.75
CTN28-2	10.5	8.02
CTN30-2	13.4	8.65

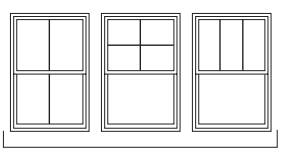
Divided Light Patterns

	Prairie A	Colonial		Prairie A	Colonial		Sunburst	Renaissance
Narroline® Double-Hung			**Narroline® Transom**			**Narroline® Circle Top™**		

Number of lights and overall pattern varies with window size. Patterns are not available in all configurations.

Patterns are also available for double-hung windows in Upper Sash Only (USO) configurations.

Specified equal light and custom patterns are also available. For more information on divided light see page 13 or visit andersenwindows.com/grilles.

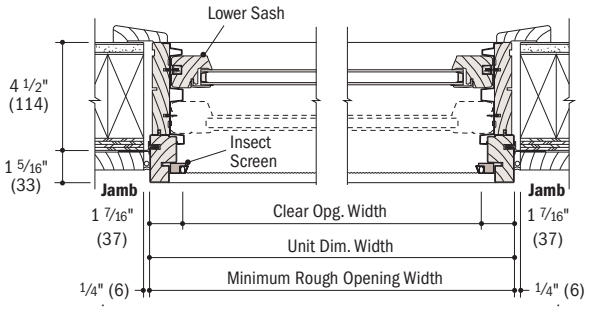


Specified Equal Light Examples

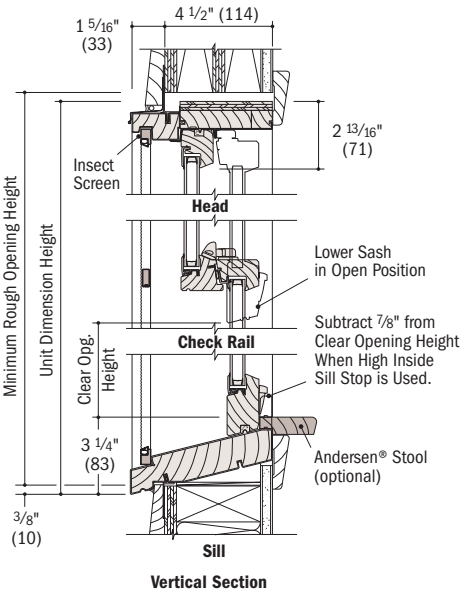
NARROLINE® DOUBLE-HUNG WINDOWS

Narroline® Double-Hung Window Details

Scale 1 1/2" = 1'-0" (1:8)



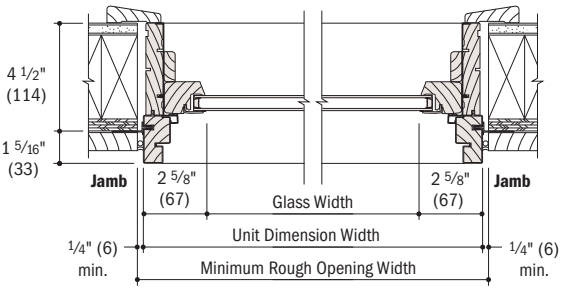
Horizontal Section



Vertical Section

Narroline® Transom Window Details

Scale 1 1/2" = 1'-0" (1:8)



Horizontal Section

For details of Circle Top™ windows see page 126 in the specialty windows section.

Horizontal (stack) Non-Reinforced Joining Detail

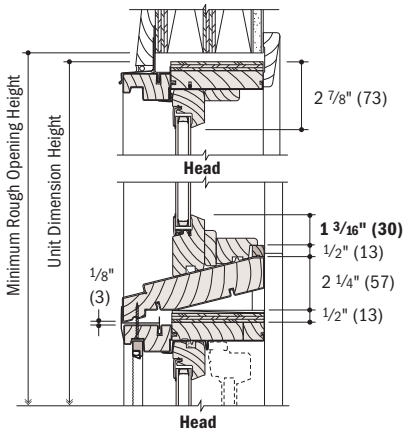
Scale 1 1/2" = 1'-0" (1:8)

Overall Window Dimension Height

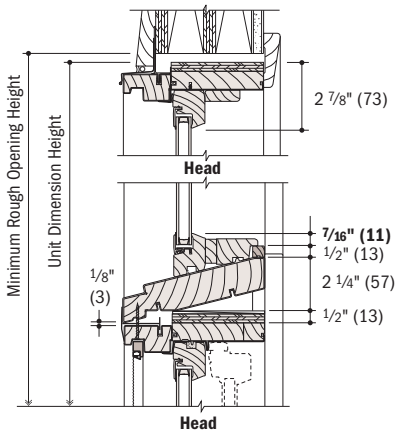
Sum of individual window heights minus 3/8".

Overall Rough Opening Height

Overall window dimension height.



Vertical Section
Narroline® Transom over Narroline® Double-Hung



Vertical Section
Narroline **TR**10 Transom to Narroline Double-Hung

Vertical (ribbon) Non-Reinforced Joining Detail

Scale 1 1/2" = 1'-0" (1:8)

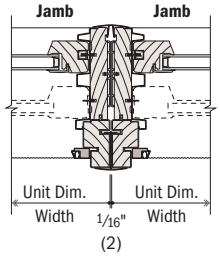
Overall Window Dimension Width

Sum of individual window widths plus 1/16" for each join.

Overall Rough Opening Width

Overall window dimension width plus 1/2".

For more joining information see the combination design section starting on page 259. Contact your Andersen® supplier when joining PG upgrade windows.

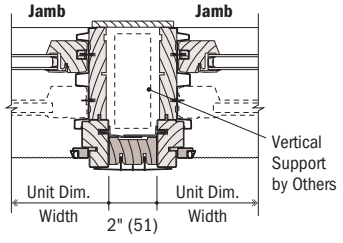


Horizontal Section
Narroline® Double-Hung to Narroline® Double-Hung

Separate Rough Openings Detail

Scale 1 1/2" = 1'-0" (1:8)

To meet structural requirements or to achieve a wider joined appearance, windows may be installed into separate rough openings having vertical support (by others) in combination with Andersen® exterior filler and exterior vinyl trim.



Horizontal Section
Narroline® Double-Hung and Narroline® Double-Hung

- Light-colored areas are parts included with window. Dark-colored areas are additional Andersen® parts required to complete window assembly as shown.
- **Rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on page 33.**
- Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.
- Consult with an architect or structural engineer regarding minimum requirements for structural support members between adjacent rough openings.