Ply Gem WINDOWS

PRO SERIES

WINDOWS

VINYL WINDOWS

A WHOLE NEW POINT OF VIEW.

EAST

PRO SERIES CLASSIC SIZING GUIDE

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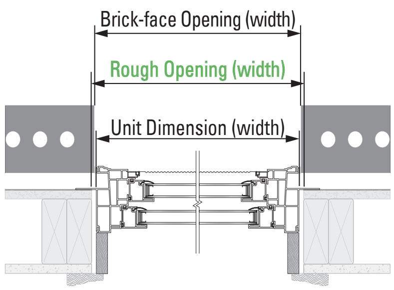
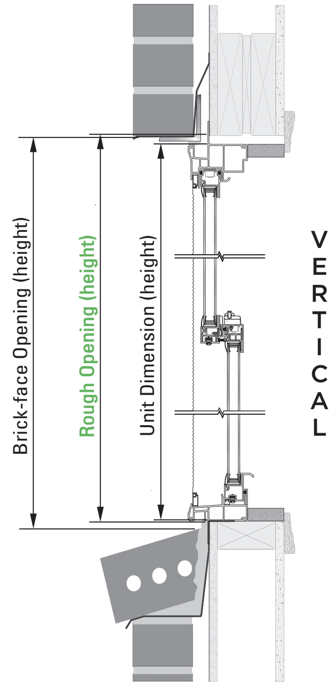
It's more than a window. It's a whole new point of view. At Ply Gem Windows, we have a different view for the way the window business should be run. We believe you should have access to all of the top quality styles and brands across the country. That's why we've taken our entire portfolio of brands, brands that you know and trust, and given them one name – Ply Gem Windows. With this one name comes a lot of big advantages, starting with a national manufacturing and distribution network. Pair that with our commitment to customer service, sustainable practices and wide variety of window styles that fit all of your design needs, and you'll get the right window for every project and every budget.

And, because we're part of the Ply Gem family, you know you'll always have access to leading brands. Windows, doors, siding and accessories, stone veneer, fence and rail, rainware, shutters and designer accents, we have something for every project. We work with residential builders, remodelers, architects, distributors and dealers to help build sales. When you combine over 50 years of experience, industry-leading customer service, and trusted local relationships you've got a company you can count on. **Ply Gem. Building products. Building success.**

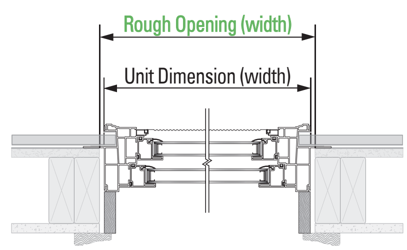
Brick Siding



HORIZONTAL



Vinyl Siding



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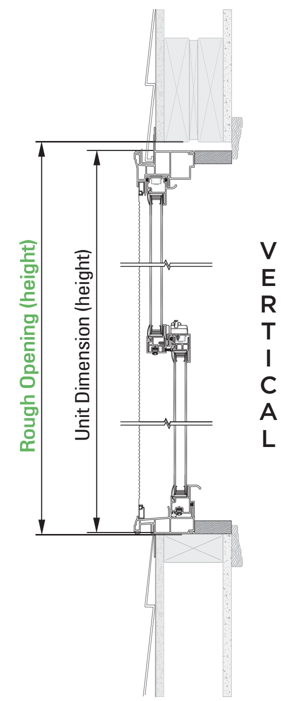
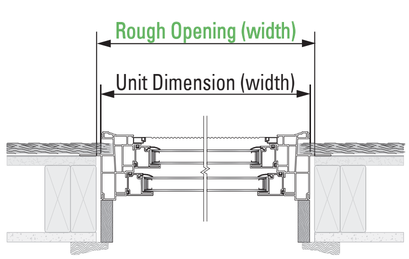


Wood Siding



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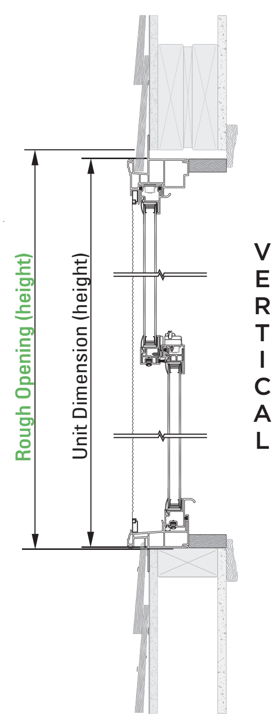


Single & Double Hung – Operating Units

Widths / Heights

Heights: Unit Dimension	Rough Opening	Call Size	1'–7 ½" / 1'–8" / 1–8	1'–11 ½" / 2'–0" / 2–0	2'–3 ½" / 2'–4" / 2–4	2'–7 ½" / 2'–8" / 2–8	2'–11 ½" / 3'–0" / 3–0	3'–0 ½" / 3'–1" / 3–1	3'–3 ½" / 3'–4" / 3–4
2'–11 ½"	3'–0"	3–0	DH: TVBDH1830 SH: TVBSH1830	DH: TVBDH2030 SH: TVBSH2030	DH: TVBDH2430 SH: TVBSH2430	DH: TVBDH2830 SH: TVBSH2830	DH: TVBDH3030 SH: TVBSH3030	DH: Not Available SH: TVBSH3130	DH: TVBDH3430 SH: TVBSH3430
3'–1 ½"	3'–2"	3–2	DH: TVBDH1832 SH: TVBSH1832	DH: TVBDH2032 SH: TVBSH2032	DH: TVBDH2432 SH: TVBSH2432	DH: TVBDH2832 SH: TVBSH2832	DH: TVBDH3032 SH: TVBSH3032	DH: Not Available SH: TVBSH3132	DH: TVBDH3432 SH: TVBSH3432
3'–7 ½"	3'–8"	3–8	DH: TVBDH1838 SH: TVBSH1838	DH: TVBDH2038 SH: TVBSH2038	DH: TVBDH2438 SH: TVBSH2438	DH: TVBDH2838 SH: TVBSH2838	DH: TVBDH3038 SH: TVBSH3038	DH: Not Available SH: TVBSH3138	DH: TVBDH3438 SH: TVBSH3438
3'–9 ½"	3'–10"	3–10	DH: TVBDH18310 SH: TVBSH18310	DH: TVBDH20310 SH: TVBSH20310	DH: TVBDH24310 SH: TVBSH24310	DH: TVBDH28310 SH: TVBSH28310	DH: TVBDH30310 SH: TVBSH30310	DH: Not Available SH: TVBSH31310	DH: TVBDH34310 SH: TVBSH34310
3'–11 ½"	4'–0"	4–0	DH: TVBDH1840 SH: TVBSH1840	DH: TVBDH2040 SH: TVBSH2040	DH: TVBDH2440 SH: TVBSH2440	DH: TVBDH2840 SH: TVBSH2840	DH: TVBDH3040 SH: TVBSH3040	DH: Not Available SH: TVBSH3140	DH: TVBDH3440 SH: TVBSH3440
4'–3 ½"	4'–4"	4–4	DH: TVBDH1844 SH: TVBSH1844	DH: TVBDH2044 SH: TVBSH2044	DH: TVBDH2444 SH: TVBSH2444	DH: TVBDH2844 SH: TVBSH2844	DH: TVBDH3044 SH: TVBSH3044	DH: Not Available SH: TVBSH3144	DH: TVBDH3444 SH: TVBSH3444
4'–5 ½"	4'–6"	4–6	DH: TVBDH1846 SH: TVBSH1846	DH: TVBDH2046 SH: TVBSH2046	DH: TVBDH2446 SH: TVBSH2446	DH: TVBDH2846 SH: TVBSH2846	DH: TVBDH3046 SH: TVBSH3046	DH: Not Available SH: TVBSH3146	DH: TVBDH3446 SH: TVBSH3446
4'–11 ½"	5'–0"	5–0	DH: TVBDH1850 SH: TVBSH1850	DH: TVBDH2050 SH: TVBSH2050	DH: TVBDH2450 SH: TVBSH2450	DH: TVBDH2850 SH: TVBSH2850	DH: TVBDH3050 SH: TVBSH3050	DH: Not Available SH: TVBSH3150	DH: TVBDH3450 SH: TVBSH3450
5'–1 ½"	5'–2"	5–2	DH: TVBDH1852 SH: TVBSH1852	DH: TVBDH2052 SH: TVBSH2052	DH: TVBDH2452 SH: TVBSH2452	DH: TVBDH2852 SH: TVBSH2852	DH: TVBDH3052 SH: TVBSH3052	DH: Not Available SH: TVBSH3152	DH: TVBDH3452 SH: TVBSH3452
5'–5 ½"	5'–6"	5–6E	DH: TVBDH1856E SH: TVBSH1856E	DH: TVBDH2056E SH: TVBSH2056E	DH: TVBDH2456E SH: TVBSH2456E	DH: TVBDH2856E SH: TVBSH2856E	DH: TVBDH3056E SH: TVBSH3056E	DH: Not Available SH: TVBSH3156E	DH: TVBDH3456E SH: TVBSH3456E
5'–5 ½"	5'–6"	5–6C	DH: TVBDH1856C SH: TVBSH1856C	DH: TVBDH2056C SH: TVBSH2056C	DH: TVBDH2456C SH: TVBSH2456C	DH: TVBDH2856C SH: TVBSH2856C	DH: TVBDH3056C SH: TVBSH3056C	DH: Not Available SH: TVBSH3156C	DH: TVBDH3456C SH: TVBSH3456C
5'–11 ½"	6'–0"	6–0	DH: TVBDH1860 SH: TVBSH1860	DH: TVBDH2060 SH: TVBSH2060	DH: TVBDH2460 SH: TVBSH2460	DH: TVBDH2860 SH: TVBSH2860	DH: TVBDH3060 SH: TVBSH3060	DH: Not Available SH: TVBSH3160	DH: TVBDH3460 SH: TVBSH3460
6'–1 ½"	6'–2"	6–2	DH: TVBDH1862 SH: TVBSH1862	DH: TVBDH2062 SH: TVBSH2062	DH: TVBDH2462 SH: TVBSH2462	DH: TVBDH2862 SH: TVBSH2862	DH: TVBDH3062 SH: TVBSH3062	DH: Not Available SH: TVBSH3162	DH: TVBDH3462 SH: TVBSH3462

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Single hung twin operating units can be ordered with an integral mull (continuous head & sill).

Widths

Heights: Unit Dimension	Rough Opening	Call Size	1-8 Twins	2-0 Twins	2-4 Twins	2-8 Twins	3-0 Twins	3-1 Twins	3-4 Twins
Unit Dimension			3'-3 ½"	3'-11 ½"	4'-7 ½"	5'-3 ½"	5'-11 ½"	6'-1 ½"	6'-7 ½"
Rough Opening			3'-4"	4'-0"	4'-8"	5'-4"	6'-0"	6'-2"	6'-8"
2'-11 ½"	3'-0"	3-0	DH: TVBDH1830-2 SH: TVBSH1830-2	DH: TVBDH2030-2 SH: TVBSH2030-2	DH: TVBDH2430-2 SH: TVBSH2430-2	DH: TVBDH2830-2 SH: TVBSH2830-2	DH: TVBDH3030-2 SH: TVBSH3030-2	DH: Not Available SH: TVBSH3130-2	DH: TVBDH3430-2 SH: TVBSH3430-2
3'-1 ½"	3'-2"	3-2	DH: TVBDH1832-2 SH: TVBSH1832-2	DH: TVBDH2032-2 SH: TVBSH2032-2	DH: TVBDH2432-2 SH: TVBSH2432-2	DH: TVBDH2832-2 SH: TVBSH2832-2	DH: TVBDH3032-2 SH: TVBSH3032-2	DH: Not Available SH: TVBSH3132-2	DH: TVBDH3432-2 SH: TVBSH3432-2
3'-7 ½"	3'-8"	3-8	DH: TVBDH1838-2 SH: TVBSH1838-2	DH: TVBDH2038-2 SH: TVBSH2038-2	DH: TVBDH2438-2 SH: TVBSH2438-2	DH: TVBDH2838-2 SH: TVBSH2838-2	DH: TVBDH3038-2 SH: TVBSH3038-2	DH: Not Available SH: TVBSH3138-2	DH: TVBDH3438-2 SH: TVBSH3438-2
3'-9 ½"	3'-10"	3-10	DH: TVBDH18310-2 SH: TVBSH18310-2	DH: TVBDH20310-2 SH: TVBSH20310-2	DH: TVBDH24310-2 SH: TVBSH24310-2	DH: TVBDH28310-2 SH: TVBSH28310-2	DH: TVBDH30310-2 SH: TVBSH30310-2	DH: Not Available SH: TVBSH31310-2	DH: TVBDH34310-2 SH: TVBSH34310-2
3'-11 ½"	4'-0"	4-0	DH: TVBDH1840-2 SH: TVBSH1840-2	DH: TVBDH2040-2 SH: TVBSH2040-2	DH: TVBDH2440-2 SH: TVBSH2440-2	DH: TVBDH2840-2 SH: TVBSH2840-2	DH: TVBDH3040-2 SH: TVBSH3040-2	DH: Not Available SH: TVBSH3140-2	DH: TVBDH3440-2 SH: TVBSH3440-2
4'-3 ½"	4'-4"	4-4	DH: TVBDH1844-2 SH: TVBSH1844-2	DH: TVBDH2044-2 SH: TVBSH2044-2	DH: TVBDH2444-2 SH: TVBSH2444-2	DH: TVBDH2844-2 SH: TVBSH2844-2	DH: TVBDH3044-2 SH: TVBSH3044-2	DH: Not Available SH: TVBSH3144-2	DH: TVBDH3444-2 SH: TVBSH3444-2
4'-5 ½"	4'-6"	4-6	DH: TVBDH1846-2 SH: TVBSH1846-2	DH: TVBDH2046-2 SH: TVBSH2046-2	DH: TVBDH2446-2 SH: TVBSH2446-2	DH: TVBDH2846-2 SH: TVBSH2846-2	DH: TVBDH3046-2 SH: TVBSH3046-2	DH: Not Available SH: TVBSH3146-2	DH: TVBDH3446-2 SH: TVBSH3446-2
4'-11 ½"	5'-0"	5-0	DH: TVBDH1850-2 SH: TVBSH1850-2	DH: TVBDH2050-2 SH: TVBSH2050-2	DH: TVBDH2450-2 SH: TVBSH2450-2	DH: TVBDH2850-2 SH: TVBSH2850-2	DH: TVBDH3050-2 SH: TVBSH3050-2	DH: Not Available SH: TVBSH3150-2	DH: TVBDH3450-2 SH: TVBSH3450-2
5'-1 ½"	5'-2"	5-2	DH: TVBDH1852-2 SH: TVBSH1852-2	DH: TVBDH2052-2 SH: TVBSH2052-2	DH: TVBDH2452-2 SH: TVBSH2452-2	DH: TVBDH2852-2 SH: TVBSH2852-2	DH: TVBDH3052-2 SH: TVBSH3052-2	DH: Not Available SH: TVBSH3152-2	DH: TVBDH3452-2 SH: TVBSH3452-2
5'-5 ½"	5'-6"	5-6E	DH: TVBDH1856E-2 SH: TVBSH1856E-2	DH: TVBDH2056E-2 SH: TVBSH2056E-2	DH: TVBDH2456E-2 SH: TVBSH2456E-2	DH: TVBDH2856E-2 SH: TVBSH2856E-2	DH: TVBDH3056E-2 SH: TVBSH3056E-2	DH: Not Available SH: TVBSH3156E-2	DH: TVBDH3456E-2 SH: TVBSH3456E-2
5'-5 ½"	5'-6"	5-6C	DH: TVBDH1856C-2 SH: TVBSH1856C-2	DH: TVBDH2056C-2 SH: TVBSH2056C-2	DH: TVBDH2456C-2 SH: TVBSH2456C-2	DH: TVBDH2856C-2 SH: TVBSH2856C-2	DH: TVBDH3056C-2 SH: TVBSH3056C-2	DH: Not Available SH: TVBSH3156C-2	DH: TVBDH3456C-2 SH: TVBSH3456C-2
5'-11 ½"	6'-0"	6-0	DH: TVBDH1860-2 SH: TVBSH1860-2	DH: TVBDH2060-2 SH: TVBSH2060-2	DH: TVBDH2460-2 SH: TVBSH2460-2	DH: TVBDH2860-2 SH: TVBSH2860-2	DH: TVBDH3060-2 SH: TVBSH3060-2	DH: Not Available SH: TVBSH3160-2	DH: TVBDH3460-2 SH: TVBSH3460-2
6'-1 ½"	6'-2"	6-2	DH: TVBDH1862-2 SH: TVBSH1862-2	DH: TVBDH2062-2 SH: TVBSH2062-2	DH: TVBDH2462-2 SH: TVBSH2462-2	DH: TVBDH2862-2 SH: TVBSH2862-2	DH: TVBDH3062-2 SH: TVBSH3062-2	DH: Not Available SH: TVBSH3162-2	DH: TVBDH3462-2 SH: TVBSH3462-2

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Widths

Heights: Unit Dimension	Rough Opening	Call Size	4'–11 ½" / 5'–0" / 1–8 Triples	5'–11 ½" / 6'–0" / 2–0 Triples	6'–11 ½" / 7'–0" / 2–4 Triples	7'–11 ½" / 8'–0" / 2–8 Triples	8'–11 ½" / 9'–0" / 3–0 Triples	9'–2 ½" / 9'–3" / 3–1 Triples	9'–11 ½" / 10'–0" / 3–4 Triples
2'–11 ½"	3'–0"	3–0	DH: TVBDH1830–3 SH: TVBSH1830–3	DH: TVBDH2030–3 SH: TVBSH2030–3	DH: TVBDH2430–3 SH: TVBSH2430–3	DH: TVBDH2830–3 SH: TVBSH2830–3	DH: TVBDH3030–3 SH: TVBSH3030–3	DH: Not Available SH: TVBSH3130–3	DH: TVBDH3430–3 SH: TVBSH3430–3
3'–1 ½"	3'–2"	3–2	DH: TVBDH1832–3 SH: TVBSH1832–3	DH: TVBDH2032–3 SH: TVBSH2032–3	DH: TVBDH2432–3 SH: TVBSH2432–3	DH: TVBDH2832–3 SH: TVBSH2832–3	DH: TVBDH3032–3 SH: TVBSH3032–3	DH: Not Available SH: TVBSH3132–3	DH: TVBDH3432–3 SH: TVBSH3432–3
3'–7 ½"	3'–8"	3–8	DH: TVBDH1838–3 SH: TVBSH1838–3	DH: TVBDH2038–3 SH: TVBSH2038–3	DH: TVBDH2438–3 SH: TVBSH2438–3	DH: TVBDH2838–3 SH: TVBSH2838–3	DH: TVBDH3038–3 SH: TVBSH3038–3	DH: Not Available SH: TVBSH3138–3	DH: TVBDH3438–3 SH: TVBSH3438–3
3'–9 ½"	3'–10"	3–10	DH: TVBDH18310–3 SH: TVBSH18310–3	DH: TVBDH20310–3 SH: TVBSH20310–3	DH: TVBDH24310–3 SH: TVBSH24310–3	DH: TVBDH28310–3 SH: TVBSH28310–3	DH: TVBDH30310–3 SH: TVBSH30310–3	DH: Not Available SH: TVBSH31310–3	DH: TVBDH34310–3 SH: TVBSH34310–3
3'–11 ½"	4'–0"	4–0	DH: TVBDH1840–3 SH: TVBSH1840–3	DH: TVBDH2040–3 SH: TVBSH2040–3	DH: TVBDH2440–3 SH: TVBSH2440–3	DH: TVBDH2840–3 SH: TVBSH2840–3	DH: TVBDH3040–3 SH: TVBSH3040–3	DH: Not Available SH: TVBSH3140–3	DH: TVBDH3440–3 SH: TVBSH3440–3
4'–3 ½"	4'–4"	4–4	DH: TVBDH1844–3 SH: TVBSH1844–3	DH: TVBDH2044–3 SH: TVBSH2044–3	DH: TVBDH2444–3 SH: TVBSH2444–3	DH: TVBDH2844–3 SH: TVBSH2844–3	DH: TVBDH3044–3 SH: TVBSH3044–3	DH: Not Available SH: TVBSH3144–3	DH: TVBDH3444–3 SH: TVBSH3444–3
4'–5 ½"	4'–6"	4–6	DH: TVBDH1846–3 SH: TVBSH1846–3	DH: TVBDH2046–3 SH: TVBSH2046–3	DH: TVBDH2446–2 SH: TVBSH2446–2	DH: TVBDH2846–3 SH: TVBSH2846–3	DH: TVBDH3046–3 SH: TVBSH3046–3	DH: Not Available SH: TVBSH3146–3	DH: TVBDH3446–3 SH: TVBSH3446–3
4'–11 ½"	5'–0"	5–0	DH: TVBDH1850–3 SH: TVBSH1850–3	DH: TVBDH2050–3 SH: TVBSH2050–3	DH: TVBDH2450–3 SH: TVBSH2450–3	DH: TVBDH2850–3 SH: TVBSH2850–3	DH: TVBDH3050–3 SH: TVBSH3050–3	DH: Not Available SH: TVBSH3150–3	DH: TVBDH3450–3 SH: TVBSH3450–3
5'–1 ½"	5'–2"	5–2	DH: TVBDH1852–3 SH: TVBSH1852–3	DH: TVBDH2052–3 SH: TVBSH2052–3	DH: TVBDH2452–3 SH: TVBSH2452–3	DH: TVBDH2852–3 SH: TVBSH2852–3	DH: TVBDH3052–3 SH: TVBSH3052–3	DH: Not Available SH: TVBSH3152–3	DH: TVBDH3452–3 SH: TVBSH3452–3
5'–5 ½"	5'–6"	5–6E	DH: TVBDH1856E–3 SH: TVBSH1856E–3	DH: TVBDH2056E–3 SH: TVBSH2056E–3	DH: TVBDH2456E–3 SH: TVBSH2456E–3	DH: TVBDH2856E–3 SH: TVBSH2856E–3	DH: TVBDH3056E–3 SH: TVBSH3056E–3	DH: Not Available SH: TVBSH3156E–3	DH: TVBDH3456E–3 SH: TVBSH3456E–3
5'–5 ½"	5'–6"	5–6C	DH: TVBDH1856C–3 SH: TVBSH1856C–3	DH: TVBDH2056C–3 SH: TVBSH2056C–3	DH: TVBDH2456C–3 SH: TVBSH2456C–3	DH: TVBDH2856C–3 SH: TVBSH2856C–3	DH: TVBDH3056C–3 SH: TVBSH3056C–3	DH: Not Available SH: TVBSH3156C–3	DH: TVBDH3456C–3 SH: TVBSH3456C–3
5'–11 ½"	6'–0"	6–0	DH: TVBDH1860–3 SH: TVBSH1860–3	DH: TVBDH2060–3 SH: TVBSH2060–3	DH: TVBDH2460–3 SH: TVBSH2460–3	DH: TVBDH2860–3 SH: TVBSH2860–3	DH: TVBDH3060–3 SH: TVBSH3060–3	DH: Not Available SH: TVBSH3160–3	DH: TVBDH3460–3 SH: TVBSH3460–3
6'–1 ½"	6'–2"	6–2	DH: TVBDH1862–3 SH: TVBSH1862–3	DH: TVBDH2062–3 SH: TVBSH2062–3	DH: TVBDH2462–3 SH: TVBSH2462–3	DH: TVBDH2862–3 SH: TVBSH2862–3	DH: TVBDH3062–3 SH: TVBSH3062–3	DH: Not Available SH: TVBSH3162–3	DH: TVBDH3462–3 SH: TVBSH3462–3

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Single hung triple operating units can be ordered with an integral mull (continuous head & sill).

Widths / Heights

Unit Dimension	Rough Opening	Call Size	6'–3 ½" / 6'–4" / 1–8 / 3–0	6'–4 ½" / 6'–5" / 1–8 / 3–1	7'–3 ½" / 7'–4" / 1–8 / 4–0	8'–3 ½" / 8'–4" / 1–8 / 5–0	9'–3 ½" / 9'–4" / 1–8 / 6–0
2'–11 ½"	3'–0"	3–0	DH: TVBDH1830/30 SH: TVBSH1830/30	DH: TVBDH1831/30 SH: TVBSH1831/30	DH: TVBDH1840/30 SH: TVBSH1840/30	DH: TVBDH1850/30 SH: TVBSH1850/30	DH: TVBDH1860/30 SH: TVBSH1860/30
3'–1 ½"	3'–2"	3–2	DH: TVBDH1830/32 SH: TVBSH1830/32	DH: TVBDH1831/32 SH: TVBSH1831/32	DH: TVBDH1840/32 SH: TVBSH1840/32	DH: TVBDH1850/32 SH: TVBSH1850/32	DH: TVBDH1860/32 SH: TVBSH1860/32
3'–7 ½"	3'–8"	3–8	DH: TVBDH1830/38 SH: TVBSH1830/38	DH: TVBDH1831/38 SH: TVBSH1831/38	DH: TVBDH1840/38 SH: TVBSH1840/38	DH: TVBDH1850/38 SH: TVBSH1850/38	DH: TVBDH1860/38 SH: TVBSH1860/38
3'–9 ½"	3'–10"	3–10	DH: TVBDH1830/310 SH: TVBSH1830/310	DH: TVBDH1831/310 SH: TVBSH1831/310	DH: TVBDH1840/310 SH: TVBSH1840/310	DH: TVBDH1850/310 SH: TVBSH1850/310	DH: TVBDH1860/310 SH: TVBSH1860/310
3'–11 ½"	4'–0"	4–0	DH: TVBDH1830/40 SH: TVBSH1830/40	DH: TVBDH1831/40 SH: TVBSH1831/40	DH: TVBDH1840/40 SH: TVBSH1840/40	DH: TVBDH1850/40 SH: TVBSH1850/40	DH: TVBDH1860/40 SH: TVBSH1860/40
4'–3 ½"	4'–4"	4–4	DH: TVBDH1830/44 SH: TVBSH1830/44	DH: TVBDH1831/44 SH: TVBSH1831/44	DH: TVBDH1840/44 SH: TVBSH1840/44	DH: TVBDH1850/44 SH: TVBSH1850/44	DH: TVBDH1860/44 SH: TVBSH1860/44
4'–5 ½"	4'–6"	4–6	DH: TVBDH1830/46 SH: TVBSH1830/46	DH: TVBDH1831/46 SH: TVBSH1831/46	DH: TVBDH1840/46 SH: TVBSH1840/46	DH: TVBDH1850/46 SH: TVBSH1850/46	DH: TVBDH1860/46 SH: TVBSH1860/46
4'–11 ½"	5'–0"	5–0	DH: TVBDH1830/50 SH: TVBSH1830/50	DH: TVBDH1831/50 SH: TVBSH1831/50	DH: TVBDH1840/50 SH: TVBSH1840/50	DH: TVBDH1850/50 SH: TVBSH1850/50	DH: TVBDH1860/50 SH: TVBSH1860/50
5'–1 ½"	5'–2"	5–2	DH: TVBDH1830/52 SH: TVBSH1830/52	DH: TVBDH1831/52 SH: TVBSH1831/52	DH: TVBDH1840/52 SH: TVBSH1840/52	DH: TVBDH1850/52 SH: TVBSH1850/52	DH: TVBDH1860/52 SH: TVBSH1860/52
5'–5 ½"	5'–6"	5–6E	DH: TVBDH1830/56E SH: TVBSH1830/56E	DH: TVBDH1831/56E SH: TVBSH1831/56E	DH: TVBDH1840/56E SH: TVBSH1840/56E	DH: TVBDH1850/56E SH: TVBSH1850/56E	DH: TVBDH1860/56E SH: TVBSH1860/56E
5'–5 ½"	5'–6"	5–6C	DH: TVBDH1830/56C SH: TVBSH1830/56C	DH: TVBDH1831/56C SH: TVBSH1831/56C	DH: TVBDH1840/56C SH: TVBSH1840/56C	DH: TVBDH1850/56C SH: TVBSH1850/56C	DH: TVBDH1860/56C SH: TVBSH1860/56C
5'–11 ½"	6'–0"	6–0	DH: TVBDH1830/60 SH: TVBSH1830/60	DH: TVBDH1831/60 SH: TVBSH1831/60	DH: TVBDH1840/60 SH: TVBSH1840/60	DH: TVBDH1850/60 SH: TVBSH1850/60	DH: TVBDH1860/60 SH: TVBSH1860/60
6'–1 ½"	6'–2"	6–2	DH: TVBDH1830/62 SH: TVBSH1830/62	DH: TVBDH1831/62 SH: TVBSH1831/62	DH: TVBDH1840/62 SH: TVBSH1840/62	DH: TVBDH1850/62 SH: TVBSH1850/62	DH: TVBDH1860/62 SH: TVBSH1860/62

Widths

Heights: Unit Dimension	Rough Opening	Call Size	6'–11 ½" / 7'–0" / 2–0 / 3–0	7'–0 ½" / 7'–1" / 2–0 / 3–1	7'–11 ½" / 8'–0" / 2–0 / 4–0	8'–11 ½" / 9'–0" / 2–0 / 5–0	9'–11 ½" / 10'–0" / 2–0 / 6–0
2'–11 ½"	3'–0"	3–0	DH: TVBDH2030/30 SH: TVBSH2030/30	DH: TVBDH2031/30 SH: TVBSH2031/30	DH: TVBDH2040/30 SH: TVBSH2040/30	DH: TVBDH2050/30 SH: TVBSH2050/30	DH: TVBDH2060/30 SH: TVBSH2060/30
3'–1 ½"	3'–2"	3–2	DH: TVBDH2030/32 SH: TVBSH2030/32	DH: TVBDH2031/32 SH: TVBSH2031/32	DH: TVBDH2040/32 SH: TVBSH2040/32	DH: TVBDH2050/32 SH: TVBSH2050/32	DH: TVBDH2060/32 SH: TVBSH2060/32
3'–7 ½"	3'–8"	3–8	DH: TVBDH2030/38 SH: TVBSH2030/38	DH: TVBDH2031/38 SH: TVBSH2031/38	DH: TVBDH2040/38 SH: TVBSH2040/38	DH: TVBDH2050/38 SH: TVBSH2050/38	DH: TVBDH2060/38 SH: TVBSH2060/38
3'–9 ½"	3'–10"	3–10	DH: TVBDH2030/310 SH: TVBSH2030/310	DH: TVBDH2031/310 SH: TVBSH2031/310	DH: TVBDH2040/310 SH: TVBSH2040/310	DH: TVBDH2050/310 SH: TVBSH2050/310	DH: TVBDH2060/310 SH: TVBSH2060/310
3'–11 ½"	4'–0"	4–0	DH: TVBDH2030/40 SH: TVBSH2030/40	DH: TVBDH2031/40 SH: TVBSH2031/40	DH: TVBDH2040/40 SH: TVBSH2040/40	DH: TVBDH2050/40 SH: TVBSH2050/40	DH: TVBDH2060/40 SH: TVBSH2060/40
4'–3 ½"	4'–4"	4–4	DH: TVBDH2030/44 SH: TVBSH2030/44	DH: TVBDH2031/44 SH: TVBSH2031/44	DH: TVBDH2040/44 SH: TVBSH2040/44	DH: TVBDH2050/44 SH: TVBSH2050/44	DH: TVBDH2060/44 SH: TVBSH2060/44
4'–5 ½"	4'–6"	4–6	DH: TVBDH2030/46 SH: TVBSH2030/46	DH: TVBDH2031/46 SH: TVBSH2031/46	DH: TVBDH2040/46 SH: TVBSH2040/46	DH: TVBDH2050/46 SH: TVBSH2050/46	DH: TVBDH2060/46 SH: TVBSH2060/46
4'–11 ½"	5'–0"	5–0	DH: TVBDH2030/50 SH: TVBSH2030/50	DH: TVBDH2031/50 SH: TVBSH2031/50	DH: TVBDH2040/50 SH: TVBSH2040/50	DH: TVBDH2050/50 SH: TVBSH2050/50	DH: TVBDH2060/50 SH: TVBSH2060/50
5'–1 ½"	5'–2"	5–2	DH: TVBDH2030/52 SH: TVBSH2030/52	DH: TVBDH2031/52 SH: TVBSH2031/52	DH: TVBDH2040/52 SH: TVBSH2040/52	DH: TVBDH2050/52 SH: TVBSH2050/52	DH: TVBDH2060/52 SH: TVBSH2060/52
5'–5 ½"	5'–6"	5–6E	DH: TVBDH2030/56E SH: TVBSH2030/56E	DH: TVBDH2031/56E SH: TVBSH2031/56E	DH: TVBDH2040/56E SH: TVBSH2040/56E	DH: TVBDH2050/56E SH: TVBSH2050/56E	DH: TVBDH2060/56E SH: TVBSH2060/56E
5'–5 ½"	5'–6"	5–6C	DH: TVBDH2030/56C SH: TVBSH2030/56C	DH: TVBDH2031/56C SH: TVBSH2031/56C	DH: TVBDH2040/56C SH: TVBSH2040/56C	DH: TVBDH2050/56C SH: TVBSH2050/56C	DH: TVBDH2060/56C SH: TVBSH2060/56C
5'–11 ½"	6'–0"	6–0	DH: TVBDH2030/60 SH: TVBSH2030/60	DH: TVBDH2031/60 SH: TVBSH2031/60	DH: TVBDH2040/60 SH: TVBSH2040/60	DH: TVBDH2050/60 SH: TVBSH2050/60	DH: TVBDH2060/60 SH: TVBSH2060/60
6'–1 ½"	6'–2"	6–2	DH: TVBDH2030/62 SH: TVBSH2030/62	DH: TVBDH2031/62 SH: TVBSH2031/62	DH: TVBDH2040/62 SH: TVBSH2040/62	DH: TVBDH2050/62 SH: TVBSH2050/62	DH: TVBDH2060/62 SH: TVBSH2060/62

Heights: Unit Dimension	Rough Opening	Call Size	Side Lite Widths: 0'–11 ½" / 1'–0" / 1–0	1'–1 ½" / 1'–2" / 1–2	1'–3 ½" / 1'–4" / 1–4	Picture Widths: 1'–7 ½" / 1'–8" / 1–8	1'–11 ½" / 2'–0" / 2–0	2'–3 ½" / 2'–4" / 2–4	2'–7 ½" / 2'–8" / 2–8	2'–11 ½" / 3'–0" / 3–0	3'–0 ½" / 3'–1" / 3–1	3'–3 ½" / 3'–4" / 3–4	3'–11 ½" / 4'–0" / 4–0	4'–11 ½" / 5'–0" / 5–0	5'–11 ½" / 6'–0" / 6–0
2'–11 ½"	3'–0"	3–0	DH: TVBDH1030SL SH: TVBSH1030SL	DH: TVBDH1230SL SH: TVBSH1230SL	DH: TVBDH1430SL SH: TVBSH1430SL	DH: TVBDH1830P SH: TVBSH1830P	DH: TVBDH2030P SH: TVBSH2030P	DH: TVBDH2430P SH: TVBSH2430P	DH: TVBDH2830P SH: TVBSH2830P	DH: TVBDH3030P SH: TVBSH3030P	DH: Not Available SH: TVBSH3130P	DH: TVBDH3430P SH: TVBSH3430P	DH: TVBDH4030P SH: TVBSH4030P	DH: TVBDH5030P SH: TVBSH5030P	DH: TVBDH6030P SH: TVBSH6030P
3'–1 ½"	3'–2"	3–2	DH: TVBDH1032SL SH: TVBSH1032SL	DH: TVBDH1232SL SH: TVBSH1232SL	DH: TVBDH1432SL SH: TVBSH1432SL	DH: TVBDH1832P SH: TVBSH1832P	DH: TVBDH2032P SH: TVBSH2032P	DH: TVBDH2432P SH: TVBSH2432P	DH: TVBDH2832P SH: TVBSH2832P	DH: TVBDH3032P SH: TVBSH3032P	DH: Not Available SH: TVBSH3132P	DH: TVBDH3432P SH: TVBSH3432P	DH: TVBDH4032P SH: TVBSH4032P	DH: TVBDH5032P SH: TVBSH5032P	DH: TVBDH6032P SH: TVBSH6032P
3'–7 ½"	3'–8"	3–8	DH: TVBDH1038SL SH: TVBSH1038SL	DH: TVBDH1238SL SH: TVBSH1238SL	DH: TVBDH1438SL SH: TVBSH1438SL	DH: TVBDH1838P SH: TVBSH1838P	DH: TVBDH2038P SH: TVBSH2038P	DH: TVBDH2438P SH: TVBSH2438P	DH: TVBDH2838P SH: TVBSH2838P	DH: TVBDH3038P SH: TVBSH3038P	DH: Not Available SH: TVBSH3138P	DH: TVBDH3438P SH: TVBSH3438P	DH: TVBDH4038P SH: TVBSH4038P	DH: TVBDH5038P SH: TVBSH5038P	DH: TVBDH6038P SH: TVBSH6038P
3'–9 ½"	3'–10"	3–10	DH: TVBDH10310SL SH: TVBSH10310SL	DH: TVBDH12310SL SH: TVBSH12310SL	DH: TVBDH14310SL SH: TVBSH14310SL	DH: TVBDH18310P SH: TVBSH18310P	DH: TVBDH20310P SH: TVBSH20310P	DH: TVBDH24310P SH: TVBSH24310P	DH: TVBDH28310P SH: TVBSH28310P	DH: TVBDH30310P SH: TVBSH30310P	DH: Not Available SH: TVBSH31310P	DH: TVBDH34310P SH: TVBSH34310P	DH: TVBDH40310P SH: TVBSH40310P	DH: TVBDH50310P SH: TVBSH50310P	DH: TVBDH60310P SH: TVBSH60310P
3'–11 ½"	4'–0"	4–0	DH: TVBDH1040SL SH: TVBSH1040SL	DH: TVBDH1240SL SH: TVBSH1240SL	DH: TVBDH1440SL SH: TVBSH1440SL	DH: TVBDH1840P SH: TVBSH1840P	DH: TVBDH2040P SH: TVBSH2040P	DH: TVBDH2440P SH: TVBSH2440P	DH: TVBDH2840P SH: TVBSH2840P	DH: TVBDH3040P SH: TVBSH3040P	DH: Not Available SH: TVBSH3140P	DH: TVBDH3440P SH: TVBSH3440P	DH: TVBDH4040P SH: TVBSH4040P	DH: TVBDH5040P SH: TVBSH5040P	DH: TVBDH6040P SH: TVBSH6040P
4'–3 ½"	4'–4"	4–4	DH: TVBDH1044SL SH: TVBSH1044SL	DH: TVBDH1244SL SH: TVBSH1244SL	DH: TVBDH1444SL SH: TVBSH1444SL	DH: TVBDH1844P SH: TVBSH1844P	DH: TVBDH2044P SH: TVBSH2044P	DH: TVBDH2444P SH: TVBSH2444P	DH: TVBDH2844P SH: TVBSH2844P	DH: TVBDH3044P SH: TVBSH3044P	DH: Not Available SH: TVBSH3144P	DH: TVBDH3444P SH: TVBSH3444P	DH: TVBDH4044P SH: TVBSH4044P	DH: TVBDH5044P SH: TVBSH5044P	DH: TVBDH6044P SH: TVBSH6044P
4'–5 ½"	4'–6"	4–6	DH: TVBDH1046SL SH: TVBSH1046SL	DH: TVBDH1246SL SH: TVBSH1246SL	DH: TVBDH1446SL SH: TVBSH1446SL	DH: TVBDH1846P SH: TVBSH1846P	DH: TVBDH2046P SH: TVBSH2046P	DH: TVBDH2446P SH: TVBSH2446P	DH: TVBDH2846P SH: TVBSH2846P	DH: TVBDH3046P SH: TVBSH3046P	DH: Not Available SH: TVBSH3146P	DH: TVBDH3446P SH: TVBSH3446P	DH: TVBDH4046P SH: TVBSH4046P	DH: TVBDH5046P SH: TVBSH5046P	DH: TVBDH6046P SH: TVBSH6046P
4'–11 ½"	5'–0"	5–0	DH: TVBDH1050SL SH: TVBSH1050SL	DH: TVBDH1250SL SH: TVBSH1250SL	DH: TVBDH1450SL SH: TVBSH1450SL	DH: TVBDH1850P SH: TVBSH1850P	DH: TVBDH2050P SH: TVBSH2050P	DH: TVBDH2450P SH: TVBSH2450P	DH: TVBDH2850P SH: TVBSH2850P	DH: TVBDH3050P SH: TVBSH3050P	DH: Not Available SH: TVBSH3150P	DH: TVBDH3450P SH: TVBSH3450P	DH: TVBDH4050P SH: TVBSH4050P	DH: TVBDH5050P SH: TVBSH5050P	DH: TVBDH6050P SH: TVBSH6050P
5'–1 ½"	5'–2"	5–2	DH: TVBDH1052SL SH: TVBSH1052SL	DH: TVBDH1252SL SH: TVBSH1252SL	DH: TVBDH1452SL SH: TVBSH1452SL	DH: TVBDH1852P SH: TVBSH1852P	DH: TVBDH2052P SH: TVBSH2052P	DH: TVBDH2452P SH: TVBSH2452P	DH: TVBDH2852P SH: TVBSH2852P	DH: TVBDH3052P SH: TVBSH3052P	DH: Not Available SH: TVBSH3152P	DH: TVBDH3452P SH: TVBSH3452P	DH: TVBDH4052P SH: TVBSH4052P	DH: TVBDH5052P SH: TVBSH5052P	DH: TVBDH6052P SH: TVBSH6052P
5'–5 ½"	5'–6"	5–6E	DH: TVBDH1056ESL SH: TVBSH1056ESL	DH: TVBDH1256ESL SH: TVBSH1256ESL	DH: TVBDH1456ESL SH: TVBSH1456ESL	DH: TVBDH1856EP SH: TVBSH1856EP	DH: TVBDH2056EP SH: TVBSH2056EP	DH: TVBDH2456EP SH: TVBSH2456EP	DH: TVBDH2856EP SH: TVBSH2856EP	DH: TVBDH3056EP SH: TVBSH3056EP	DH: Not Available SH: TVBSH3156EP	DH: TVBDH3456EP SH: TVBSH3456EP	DH: TVBDH4056EP SH: TVBSH4056EP	DH: TVBDH5056EP SH: TVBSH5056EP	DH: TVBDH6056EP SH: TVBSH6056EP
5'–5 ½"	5'–6"	5–6C	DH: TVBDH1056CSL SH: TVBSH1056CSL	DH: TVBDH1256CSL SH: TVBSH1256CSL	DH: TVBDH1456CSL SH: TVBSH1456CSL	DH: TVBDH1856CP SH: TVBSH1856CP	DH: TVBDH2056CP SH: TVBSH2056CP	DH: TVBDH2456CP SH: TVBSH2456CP	DH: TVBDH2856CP SH: TVBSH2856CP	DH: TVBDH3056CP SH: TVBSH3056CP	DH: Not Available SH: TVBSH3156CP	DH: TVBDH3456CP SH: TVBSH3456CP	DH: TVBDH4056CP SH: TVBSH4056CP	DH: TVBDH5056CP SH: TVBSH5056CP	DH: TVBDH6056CP SH: TVBSH6056CP
5'–11 ½"	6'–0"	6–0	DH: TVBDH1060SL SH: TVBSH1060SL	DH: TVBDH1260SL SH: TVBSH1260SL	DH: TVBDH1460SL SH: TVBSH1460SL	DH: TVBDH1860P SH: TVBSH1860P	DH: TVBDH2060P SH: TVBSH2060P	DH: TVBDH2460P SH: TVBSH2460P	DH: TVBDH2860P SH: TVBSH2860P	DH: TVBDH3060P SH: TVBSH3060P	DH: Not Available SH: TVBSH3160P	DH: TVBDH3460P SH: TVBSH3460P	DH: TVBDH4060P SH: TVBSH4060P	DH: TVBDH5060P SH: TVBSH5060P	DH: TVBDH6060P SH: TVBSH6060P
6'–1 ½"	6'–2"	6–2	DH: TVBDH1062SL SH: TVBSH1062SL	DH: TVBDH1262SL SH: TVBSH1262SL	DH: TVBDH1462SL SH: TVBSH1462SL	DH: TVBDH1862P SH: TVBSH1862P	DH: TVBDH2062P SH: TVBSH2062P	DH: TVBDH2462P SH: TVBSH2462P	DH: TVBDH2862P SH: TVBSH2862P	DH: TVBDH3062P SH: TVBSH3062P	DH: Not Available SH: TVBSH3162P	DH: TVBDH3462P SH: TVBSH3462P	DH: TVBDH4062P SH: TVBSH4062P	DH: TVBDH5062P SH: TVBSH5062P	DH: TVBDH6062P SH: TVBSH6062P

Standard Colonial Grille Pattern

Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Call Size	2–0	2–4	2–8	3–0	3–1	3–4
Unit Dimension	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–0 ½"	3'–3 ½"
Rough Opening	2'–0"	2'–4"	2'–8"	3'–0"	3'–1"	3'–4"
3–0 (TVBSH 2030)	SH: TVBSH2030 3'–11 ¼" 3'–11 ¾"	SH: TVBSH2430 4'–1 ¼" 4'–1 ¾"	SH: TVBSH2830 4'–3 ¼" 4'–3 ¾"	SH: TVBSH3030 4'–5 ¼" 4'–5 ¾"	SH: TVBSH3130 4'–5 ¾" 4'–6 ¼"	SH: TVBSH3430 4'–7 ¼" 4'–7 ¾"
3–2 (TVBSH 2032)	SH: TVBSH2032 4'–1 ¼" 4'–1 ¾"	SH: TVBSH2432 4'–3 ¼" 4'–3 ¾"	SH: TVBSH2832 4'–5 ¼" 4'–5 ¾"	SH: TVBSH3032 4'–7 ¼" 4'–7 ¾"	SH: TVBSH3132 4'–7 ¾" 4'–8 ¼"	SH: TVBSH3432 4'–9 ¼" 4'–9 ¾"
3–8 (TVBSH 2038)	SH: TVBSH2038 4'–7 ¼" 4'–7 ¾"	SH: TVBSH2438 4'–9 ¼" 4'–9 ¾"	SH: TVBSH2838 4'–11 ¼" 4'–11 ¾"	SH: TVBSH3038 5'–1 ¼" 5'–1 ¾"	SH: TVBSH3138 5'–1 ¾" 5'–2 ¼"	SH: TVBSH3438 5'–3 ¼" 5'–3 ¾"
3–10 (TVBSH 20310)	SH: TVBSH20310 4'–9 ¼" 4'–9 ¾"	SH: TVBSH24310 4'–11 ¼" 4'–11 ¾"	SH: TVBSH28310 5'–1 ¼" 5'–1 ¾"	SH: TVBSH30310 5'–3 ¼" 5'–3 ¾"	SH: TVBSH31310 5'–3 ¾" 5'–4 ¼"	SH: TVBSH34310 5'–5 ¼" 5'–5 ¾"
4–0 (TVBSH 2040)	SH: TVBSH2040 4'–11 ¼" 4'–11 ¾"	SH: TVBSH2440 5'–1 ¼" 5'–1 ¾"	SH: TVBSH2840 5'–3 ¼" 5'–3 ¾"	SH: TVBSH3040 5'–5 ¼" 5'–5 ¾"	SH: TVBSH3140 5'–5 ¾" 5'–6 ¼"	SH: TVBSH3440 5'–7 ¼" 5'–7 ¾"
4–4 (TVBSH 2044)	SH: TVBSH2044 5'–3 ¼" 5'–3 ¾"	SH: TVBSH2444 5'–5 ¼" 5'–5 ¾"	SH: TVBSH2844 5'–7 ¼" 5'–7 ¾"	SH: TVBSH3044 5'–9 ¼" 5'–9 ¾"	SH: TVBSH3144 5'–9 ¾" 5'–10 ¼"	SH: TVBSH3444 5'–11 ¼" 5'–11 ¾"
4–6 (TVBSH 2046)	SH: TVBSH2046 5'–5 ¼" 5'–5 ¾"	SH: TVBSH2446 5'–7 ¼" 5'–7 ¾"	SH: TVBSH2846 5'–9 ¼" 5'–9 ¾"	SH: TVBSH3046 5'–11 ¼" 5'–11 ¾"	SH: TVBSH3146 5'–11 ¾" 6'–0 ¼"	SH: TVBSH3446 6'–1 ¼" 6'–1 ¾"
5–0 (TVBSH 2050)	SH: TVBSH2050 5'–11 ¼" 5'–11 ¾"	SH: TVBSH2450 6'–1 ¼" 6'–1 ¾"	SH: TVBSH2850 6'–3 ¼" 6'–3 ¾"	SH: TVBSH3050 6'–5 ¼" 6'–5 ¾"	SH: TVBSH3150 6'–5 ¾" 6'–6 ¼"	SH: TVBSH3450 6'–7 ¼" 6'–7 ¾"
5–2 (TVBSH 2052)	SH: TVBSH2052 6'–1 ¼" 6'–1 ¾"	SH: TVBSH2452 6'–3 ¼" 6'–3 ¾"	SH: TVBSH2852 6'–5 ¼" 6'–5 ¾"	SH: TVBSH3052 6'–7 ¼" 6'–7 ¾"	SH: TVBSH3152 6'–7 ¾" 6'–8 ¼"	SH: TVBSH3452 6'–9 ¼" 6'–9 ¾"
5–6 (TVBSH 2056)	SH: TVBSH2056 6'–5 ¼" 6'–5 ¾"	SH: TVBSH2456 6'–7 ¼" 6'–7 ¾"	SH: TVBSH2856 6'–9 ¼" 6'–9 ¾"	SH: TVBSH3056 6'–11 ¼" 6'–11 ¾"	SH: TVBSH3156 6'–11 ¾" 7'–0 ¼"	
6–0 (TVBSH 2060)	SH: TVBSH2060 6'–11 ¼" 6'–11 ¾"					

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Optional Gothic Grille Pattern

Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–0 ½"	3'–3 ½"
Rough Opening	2'–0"	2'–4"	2'–8"	3'–0"	3'–1"	3'–4"
Call Size	2–0	2–4	2–8	3–0	3–1	3–4
3–0 (TVBSH 2030)	SH: TVBSH2030 3'–11 ¼" 3'–11 ¾"	SH: TVBSH2430 4'–1 ¼" 4'–1 ¾"	SH: TVBSH2830 4'–3 ¼" 4'–3 ¾"	SH: TVBSH3030 4'–5 ¼" 4'–5 ¾"	SH: TVBSH3130 4'–5 ¾" 4'–6 ¼"	SH: TVBSH3430 4'–7 ¼" 4'–7 ¾"
3–2 (TVBSH 2032)	SH: TVBSH2032 4'–1 ¼" 4'–1 ¾"	SH: TVBSH2432 4'–3 ¼" 4'–3 ¾"	SH: TVBSH2832 4'–5 ¼" 4'–5 ¾"	SH: TVBSH3032 4'–7 ¼" 4'–7 ¾"	SH: TVBSH3132 4'–7 ¾" 4'–8 ¼"	SH: TVBSH3432 4'–9 ¼" 4'–9 ¾"
3–8 (TVBSH 2038)	SH: TVBSH2038 4'–7 ¼" 4'–7 ¾"	SH: TVBSH2438 4'–9 ¼" 4'–9 ¾"	SH: TVBSH2838 4'–11 ¼" 4'–11 ¾"	SH: TVBSH3038 5'–1 ¼" 5'–1 ¾"	SH: TVBSH3138 5'–1 ¾" 5'–2 ¼"	SH: TVBSH3438 5'–3 ¼" 5'–3 ¾"
3–10 (TVBSH 20310)	SH: TVBSH20310 4'–9 ¼" 4'–9 ¾"	SH: TVBSH24310 4'–11 ¼" 4'–11 ¾"	SH: TVBSH28310 5'–1 ¼" 5'–1 ¾"	SH: TVBSH30310 5'–3 ¼" 5'–3 ¾"	SH: TVBSH31310 5'–3 ¾" 5'–4 ¼"	SH: TVBSH34310 5'–5 ¼" 5'–5 ¾"
4–0 (TVBSH 2040)	SH: TVBSH2040 4'–11 ¼" 4'–11 ¾"	SH: TVBSH2440 5'–1 ¼" 5'–1 ¾"	SH: TVBSH2840 5'–3 ¼" 5'–3 ¾"	SH: TVBSH3040 5'–5 ¼" 5'–5 ¾"	SH: TVBSH3140 5'–5 ¾" 5'–6 ¼"	SH: TVBSH3440 5'–7 ¼" 5'–7 ¾"
4–4 (TVBSH 2044)	SH: TVBSH2044 5'–3 ¼" 5'–3 ¾"	SH: TVBSH2444 5'–5 ¼" 5'–5 ¾"	SH: TVBSH2844 5'–7 ¼" 5'–7 ¾"	SH: TVBSH3044 5'–9 ¼" 5'–9 ¾"	SH: TVBSH3144 5'–9 ¾" 5'–10 ¼"	SH: TVBSH3444 5'–11 ¼" 5'–11 ¾"
4–6 (TVBSH 2046)	SH: TVBSH2046 5'–5 ¼" 5'–5 ¾"	SH: TVBSH2446 5'–7 ¼" 5'–7 ¾"	SH: TVBSH2846 5'–9 ¼" 5'–9 ¾"	SH: TVBSH3046 5'–11 ¼" 5'–11 ¾"	SH: TVBSH3146 5'–11 ¾" 6'–0 ¼"	SH: TVBSH3446 6'–1 ¼" 6'–1 ¾"
5–0 (TVBSH 2050)	SH: TVBSH2050 5'–11 ¼" 5'–11 ¾"	SH: TVBSH2450 6'–1 ¼" 6'–1 ¾"	SH: TVBSH2850 6'–3 ¼" 6'–3 ¾"	SH: TVBSH3050 6'–5 ¼" 6'–5 ¾"	SH: TVBSH3150 6'–5 ¾" 6'–6 ¼"	SH: TVBSH3450 6'–7 ¼" 6'–7 ¾"
5–2 (TVBSH 2052)	SH: TVBSH2052 6'–1 ¼" 6'–1 ¾"	SH: TVBSH2452 6'–3 ¼" 6'–3 ¾"	SH: TVBSH2852 6'–5 ¼" 6'–5 ¾"	SH: TVBSH3052 6'–7 ¼" 6'–7 ¾"	SH: TVBSH3152 6'–7 ¾" 6'–8 ¼"	SH: TVBSH3452 6'–9 ¼" 6'–9 ¾"
5–6 (TVBSH 2056)	SH: TVBSH2056 6'–5 ¼" 6'–5 ¾"	SH: TVBSH2456 6'–7 ¼" 6'–7 ¾"	SH: TVBSH2856 6'–9 ¼" 6'–9 ¾"	SH: TVBSH3056 6'–11 ¼" 6'–11 ¾"	SH: TVBSH3156 6'–11 ¾" 7'–0 ¼"	
6–0 (TVBSH 2060)	SH: TVBSH2060 6'–11 ¼" 6'–11 ¾"					

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Standard Colonial Grille Pattern

Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension Rough Opening Cell Size	1'–11 ½" 2'–0" 2–0	2'–3 ½" 2'–4" 2–4	2'–7 ½" 2'–8" 2–8	2'–11 ½" 3'–0" 3–0	3'–0 ½" 3'–1" 3–1	3'–3 ½" 3'–4" 3–4
3–0 TVBSH 2030	SH: TVBSH2030 3'–3 7/16" 3'–3 15/16"	SH: TVBSH2430 3'–4 1/16" 3'–4 9/16"	SH: TVBSH2830 3'–4 3/4" 3'–5 1/4"	SH: TVBSH3032 3'–5 7/16" 3'–5 15/16"	SH: TVBSH3130 3'–5 9/16" 3'–6 1/16"	SH: TVBSH3430 3'–6 1/16" 3'–6 9/16"
3–2 TVBSH 2032	SH: TVBSH2032 3'–5 7/16" 3'–5 15/16"	SH: TVBSH2432 3'–6 1/16" 3'–6 9/16"	SH: TVBSH2832 3'–6 3/4" 3'–7 1/4"	SH: TVBSH3032 3'–7 7/16" 3'–7 15/16"	SH: TVBSH3132 3'–7 9/16" 3'–8 1/16"	SH: TVBSH3432 3'–8 1/16" 3'–8 9/16"
3–8 TVBSH 2038	SH: TVBSH2038 3'–11 7/16" 3'–11 15/16"	SH: TVBSH2438 4'–0 1/16" 4'–0 9/16"	SH: TVBSH2838 4'–0 3/4" 4'–1 1/4"	SH: TVBSH3038 4'–1 7/16" 4'–1 15/16"	SH: TVBSH3138 4'–1 9/16" 4'–2 1/16"	SH: TVBSH3438 4'–2 1/16" 4'–2 9/16"
3–10 TVBSH 20310	SH: TVBSH20310 4'–1 7/16" 4'–1 15/16"	SH: TVBSH24310 4'–2 1/16" 4'–2 9/16"	SH: TVBSH28310 4'–2 3/4" 4'–3 1/4"	SH: TVBSH30310 4'–3 7/16" 4'–3 15/16"	SH: TVBSH31310 4'–3 9/16" 4'–4 1/16"	SH: TVBSH34310 4'–4 1/16" 4'–4 9/16"
4–0 TVBSH 2040	SH: TVBSH2040 4'–3 7/16" 4'–3 15/16"	SH: TVBSH2440 4'–4 1/16" 4'–4 9/16"	SH: TVBSH2840 4'–4 3/4" 4'–5 1/4"	SH: TVBSH3040 4'–5 7/16" 4'–5 15/16"	SH: TVBSH3140 4'–5 9/16" 4'–6 1/16"	SH: TVBSH3440 4'–6 1/16" 4'–6 9/16"
4–4 TVBSH 2044	SH: TVBSH2044 4'–7 7/16" 4'–7 15/16"	SH: TVBSH2444 4'–8 1/16" 4'–8 9/16"	SH: TVBSH2844 4'–8 3/4" 4'–9 1/4"	SH: TVBSH3044 4'–9 7/16" 4'–9 15/16"	SH: TVBSH3144 4'–9 9/16" 4'–10 1/16"	SH: TVBSH3444 4'–10 1/16" 4'–10 9/16"
4–6 TVBSH 2046	SH: TVBSH2046 4'–9 7/16" 4'–9 15/16"	SH: TVBSH2446 4'–10 1/16" 4'–10 9/16"	SH: TVBSH2846 4'–10 3/4" 4'–11 1/4"	SH: TVBSH3046 4'–11 7/16" 4'–11 15/16"	SH: TVBSH3146 4'–11 9/16" 5'–0 1/16"	SH: TVBSH3446 5'–0 1/16" 5'–0 9/16"
5–0 TVBSH 2050	SH: TVBSH2050 5'–3 7/16" 5'–3 15/16"	SH: TVBSH2450 5'–4 1/16" 5'–4 9/16"	SH: TVBSH2850 5'–4 3/4" 5'–5 1/4"	SH: TVBSH3050 5'–5 7/16" 5'–5 15/16"	SH: TVBSH3150 5'–5 9/16" 5'–6 1/16"	SH: TVBSH3450 5'–6 1/16" 5'–6 9/16"
5–2 TVBSH 2052	SH: TVBSH2052 5'–5 7/16" 5'–5 15/16"	SH: TVBSH2452 5'–6 1/16" 5'–6 9/16"	SH: TVBSH2852 5'–6 3/4" 5'–7 1/4"	SH: TVBSH3052 5'–7 7/16" 5'–7 15/16"	SH: TVBSH3152 5'–7 9/16" 5'–8 1/16"	SH: TVBSH3452 5'–8 1/16" 5'–8 9/16"
5–6 TVBSH 2056	SH: TVBSH2056 5'–9 7/16" 5'–9 15/16"	SH: TVBSH2456 5'–10 1/16" 5'–10 9/16"	SH: TVBSH2856 5'–10 3/4" 5'–11 1/4"	SH: TVBSH3056 5'–11 7/16" 5'–11 15/16"	SH: TVBSH3156 5'–11 9/16" 6'–0 1/16"	SH: TVBSH3456 6'–0 1/16" 6'–0 9/16"
6–0 TVBSH 2060	SH: TVBSH2060 6'–3 7/16" 6'–3 15/16"	SH: TVBSH2460 6'–4 1/16" 6'–4 9/16"	SH: TVBSH2860 6'–4 3/4" 6'–5 1/4"	SH: TVBSH3060 6'–5 7/16" 6'–5 15/16"	SH: TVBSH3160 6'–5 9/16" 6'–6 1/16"	SH: TVBSH3460 6'–6 1/16" 6'–6 9/16"
6–2 TVBSH 2062	SH: TVBSH2062 6'–5 7/16" 6'–5 15/16"	SH: TVBSH2462 6'–6 1/16" 6'–6 9/16"	SH: TVBSH2862 6'–6 3/4" 6'–7 1/4"	SH: TVBSH3062 6'–7 7/16" 6'–7 15/16"	SH: TVBSH3162 6'–7 9/16" 6'–8 1/16"	SH: TVBSH3462 6'–8 1/16" 6'–8 9/16"

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Optional Renaissance Grille Pattern

Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension / Rough Opening / Call Size		2'–3 ½" 2'–4" 2–4	2'–7 ½" 2'–8" 2–8	2'–11 ½" 3'–0" 3–0	3'–0 ½" 3'–1" 3–1	3'–3 ½" 3'–4" 3–4
3–0	TVBSH 2030	SH: TVBSH2430 3'–4 1/16" 3'–4 9/16"	SH: TVBSH2830 3'–4 3/4" 3'–5 1/4"	SH: TVBSH3032 3'–5 7/16" 3'–5 15/16"	SH: TVBSH3130 3'–5 9/16" 3'–6 1/16"	SH: TVBSH3430 3'–6 1/16" 3'–6 9/16"
3–2	TVBSH 2032	SH: TVBSH2432 3'–6 1/16" 3'–6 9/16"	SH: TVBSH2832 3'–6 3/4" 3'–7 1/4"	SH: TVBSH3032 3'–7 7/16" 3'–7 15/16"	SH: TVBSH3132 3'–7 9/16" 3'–8 1/16"	SH: TVBSH3432 3'–8 1/16" 3'–8 9/16"
3–8	TVBSH 2038	SH: TVBSH2438 4'–0 1/16" 4'–0 9/16"	SH: TVBSH2838 4'–0 3/4" 4'–1 1/4"	SH: TVBSH3038 4'–1 7/16" 4'–1 15/16"	SH: TVBSH3138 4'–1 9/16" 4'–2 1/16"	SH: TVBSH3438 4'–2 1/16" 4'–2 9/16"
3–10	TVBSH 20310	SH: TVBSH24310 4'–2 1/16" 4'–2 9/16"	SH: TVBSH28310 4'–2 3/4" 4'–3 1/4"	SH: TVBSH30310 4'–3 7/16" 4'–3 15/16"	SH: TVBSH31310 4'–3 9/16" 4'–4 1/16"	SH: TVBSH34310 4'–4 1/16" 4'–4 9/16"
4–0	TVBSH 2040	SH: TVBSH2440 4'–4 1/16" 4'–4 9/16"	SH: TVBSH2840 4'–4 3/4" 4'–5 1/4"	SH: TVBSH3040 4'–5 7/16" 4'–5 15/16"	SH: TVBSH3140 4'–5 9/16" 4'–6 1/16"	SH: TVBSH3440 4'–6 1/16" 4'–6 9/16"
4–4	TVBSH 2044	SH: TVBSH2444 4'–8 1/16" 4'–8 9/16"	SH: TVBSH2844 4'–8 3/4" 4'–9 1/4"	SH: TVBSH3044 4'–9 7/16" 4'–9 15/16"	SH: TVBSH3144 4'–9 9/16" 4'–10 1/16"	SH: TVBSH3444 4'–10 1/16" 4'–10 9/16"
4–6	TVBSH 2046	SH: TVBSH2446 4'–10 1/16" 4'–10 9/16"	SH: TVBSH2846 4'–10 3/4" 4'–11 1/4"	SH: TVBSH3046 4'–11 7/16" 4'–11 15/16"	SH: TVBSH3146 4'–11 9/16" 5'–0 1/16"	SH: TVBSH3446 5'–0 1/16" 5'–0 9/16"
5–0	TVBSH 2050	SH: TVBSH2450 5'–4 1/16" 5'–4 9/16"	SH: TVBSH2850 5'–4 3/4" 5'–5 1/4"	SH: TVBSH3050 5'–5 7/16" 5'–5 15/16"	SH: TVBSH3150 5'–5 9/16" 5'–6 1/16"	SH: TVBSH3450 5'–6 1/16" 5'–6 9/16"
5–2	TVBSH 2052	SH: TVBSH2452 5'–6 1/16" 5'–6 9/16"	SH: TVBSH2852 5'–6 3/4" 5'–7 1/4"	SH: TVBSH3052 5'–7 7/16" 5'–7 15/16"	SH: TVBSH3152 5'–7 9/16" 5'–8 1/16"	SH: TVBSH3452 5'–8 1/16" 5'–8 9/16"
5–6	TVBSH 2056	SH: TVBSH2456 5'–10 1/16" 5'–10 9/16"	SH: TVBSH2856 5'–10 3/4" 5'–11 1/4"	SH: TVBSH3056 5'–11 7/16" 5'–11 15/16"	SH: TVBSH3156 5'–11 9/16" 6'–0 1/16"	SH: TVBSH3456 6'–0 1/16" 6'–0 9/16"
6–0	TVBSH 2060	SH: TVBSH2460 6'–4 1/16" 6'–4 9/16"	SH: TVBSH2860 6'–4 3/4" 6'–5 1/4"	SH: TVBSH3060 6'–5 7/16" 6'–5 15/16"	SH: TVBSH3160 6'–5 9/16" 6'–6 1/16"	SH: TVBSH3460 6'–6 1/16" 6'–6 9/16"
6–2	TVBSH 2062	SH: TVBSH2462 6'–6 1/16" 6'–6 9/16"	SH: TVBSH2862 6'–6 3/4" 6'–7 1/4"	SH: TVBSH3062 6'–7 7/16" 6'–7 15/16"	SH: TVBSH3162 6'–7 9/16" 6'–8 1/16"	SH: TVBSH3462 6'–8 1/16" 6'–8 9/16"

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Single Hung – Operating
Uneven Leg Arch Units

Standard Colonial Grille Pattern (optional patterns available)

Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Call Size	2–0 TW (2–0)	2–4 TW (2–4)	2–8 TW (2–8)	3–0 TW (3–0)	3–1 TW (3–1)	3–4 TW (3–4)
Unit Dimension	3'–11 ½"(1'–11 ½")	4'–7 ½" (2'–3 ½")	5'–3 ½" (2'–7 ½")	5'–11 ½" (2'–11 ½")	6'–1 ½" (3'–0 ½")	6'–7 ½" (3'–3 ½")
Rough Opening	4'–0" (2'–0")	4'–8" (2'–4")	5'–4" (2'–8")	6'–0" (3'–0")	6'–2" (3'–1")	6'–8" (3'–4")
3–0 TVBSH2030	SH: TVBSH2030–2SAH 3'–7 7/16" 3'–7 15/16"	SH: TVBSH2430–2SAH 3'–8 3/4" 3'–9 1/4"	SH: TVBSH2830–2SAH 3'–10 1/16" 3'–10 9/16"	SH: TVBSH3032–2SAH 3'–11 7/16" 3'–11 15/16"	SH: TVBSH3130–2SAH 3'–11 3/4" 4'–0 1/4"	SH: TVBSH3430–2SAH 4'–0 3/4" 4'–1 1/4"
3–2 TVBSH2032	SH: TVBSH2032–2SAH 3'–9 7/16" 3'–9 15/16"	SH: TVBSH2432–2SAH 3'–10 3/4" 3'–11 1/4"	SH: TVBSH2832–2SAH 4'–0 1/16" 4'–0 9/16"	SH: TVBSH3032–2SAH 4'–1 7/16" 4'–1 15/16"	SH: TVBSH3132–2SAH 4'–1 3/4" 4'–2 1/4"	SH: TVBSH3432–2SAH 4'–2 3/4" 4'–3 1/4"
3–8 TVBSH2038	SH: TVBSH2038–2SAH 4'–3 7/16" 4'–3 15/16"	SH: TVBSH2438–2SAH 4'–4 3/4" 4'–5 1/4"	SH: TVBSH2838–2SAH 4'–6 1/16" 4'–6 9/16"	SH: TVBSH3038–2SAH 4'–7 7/16" 4'–7 15/16"	SH: TVBSH3138–2SAH 4'–7 3/4" 4'–8 1/4"	SH: TVBSH3438–2SAH 4'–8 3/4" 4'–9 1/4"
3–10 TVBSH20310	SH: TVBSH20310–2SAH 4'–5 7/16" 4'–5 15/16"	SH: TVBSH24310–2SAH 4'–6 3/4" 4'–7 1/4"	SH: TVBSH28310–2SAH 4'–8 1/16" 4'–8 9/16"	SH: TVBSH30310–2SAH 4'–9 7/16" 4'–9 15/16"	SH: TVBSH31310–2SAH 4'–9 3/4" 4'–10 1/4"	SH: TVBSH34310–2SAH 4'–10 3/4" 4'–11 1/4"
4–0 TVBSH2040	SH: TVBSH2040–2SAH 4'–7 7/16" 4'–7 15/16"	SH: TVBSH2440–2SAH 4'–8 3/4" 4'–9 1/4"	SH: TVBSH2840–2SAH 4'–10 1/16" 4'–10 9/16"	SH: TVBSH3040–2SAH 4'–11 7/16" 4'–11 15/16"	SH: TVBSH3140–2SAH 4'–11 3/4" 5'–0 1/4"	SH: TVBSH3440–2SAH 5'–0 3/4" 5'–1 1/4"
4–4 TVBSH2044	SH: TVBSH2044–2SAH 4'–11 7/16" 4'–11 15/16"	SH: TVBSH2444–2SAH 5'–0 3/4" 5'–1 1/4"	SH: TVBSH2844–2SAH 5'–2 1/16" 5'–2 9/16"	SH: TVBSH3044–2SAH 5'–3 7/16" 5'–3 15/16"	SH: TVBSH3146–2SAH 5'–3 3/4" 5'–4 1/4"	SH: TVBSH3444–2SAH 5'–4 3/4" 5'–5 1/4"
4–6 TVBSH2046	SH: TVBSH2046–2SAH 5'–1 7/16" 5'–1 15/16"	SH: TVBSH2446–2SAH 5'–2 3/4" 5'–3 1/4"	SH: TVBSH2846–2SAH 5'–4 1/16" 5'–4 9/16"	SH: TVBSH3046–2SAH 5'–5 7/16" 5'–5 15/16"	SH: TVBSH3144–2SAH 5'–5 3/4" 5'–6 1/4"	SH: TVBSH3446–2SAH 5'–6 3/4" 5'–7 1/4"
5–0 TVBSH2050	SH: TVBSH2050–2SAH 5'–7 7/16" 5'–7 15/16"	SH: TVBSH2450–2SAH 5'–8 3/4" 5'–9 1/4"	SH: TVBSH2850–2SAH 5'–10 1/16" 5'–10 9/16"	SH: TVBSH3050–2SAH 5'–11 7/16" 5'–11 15/16"	SH: TVBSH3150–2SAH 5'–11 3/4" 6'–0 1/4"	SH: TVBSH3450–2SAH 6'–0 3/4" 6'–1 1/4"
5–2 TVBSH2052	SH: TVBSH2052–2SAH 5'–9 7/16" 5'–9 15/16"	SH: TVBSH2452–2SAH 5'–10 3/4" 5'–11 1/4"	SH: TVBSH2852–2SAH 6'–0 1/16" 6'–0 9/16"	SH: TVBSH3052–2SAH 6'–1 7/16" 6'–1 15/16"	SH: TVBSH3152–2SAH 6'–1 3/4" 6'–2 1/4"	SH: TVBSH3452–2SAH 6'–2 3/4" 6'–3 1/4"
5–6 TVBSH2056	SH: TVBSH2056–2SAH 6'–1 7/16" 6'–1 15/16"	SH: TVBSH2456–2SAH 6'–2 3/4" 6'–3 1/4"	SH: TVBSH2856–2SAH 6'–4 1/16" 6'–4 9/16"	SH: TVBSH3056–2SAH 6'–5 7/16" 6'–5 15/16"	SH: TVBSH3156–2SAH 6'–5 3/4" 6'–6 1/4"	SH: TVBSH3456–2SAH 6'–6 3/4" 6'–7 1/4"
6–0 TVBSH2060	SH: TVBSH2060–2SAH 6'–7 7/16" 6'–7 15/16"	SH: TVBSH2460–2SAH 6'–8 3/4" 6'–9 1/4"	SH: TVBSH2860–2SAH 6'–10 1/16" 6'–10 9/16"	SH: TVBSH3060–2SAH 6'–11 7/16" 6'–11 15/16"	SH: TVBSH3160–2SAH 6'–11 3/4" 7'–0 1/4"	
6–2 TVBSH2062	SH: TVBSH2062–2SAH 6'–9 7/16" 6'–9 15/16"	SH: TVBSH2462–2SAH 6'–10 3/4" 6'–11 1/4"				

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

* Widths shown in parentheses are the dimensions for single units. Twin units are depicted in the matrix.

Widths

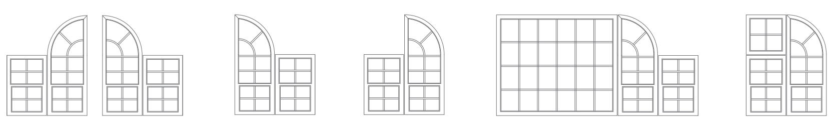
Unit Dimension / Rough Opening / Call Size

Heights (Call Size)		1'–11 ½" 2'–0" 2–0	2'–3 ½" 2'–4" 2–4	2'–7 ½" 2'–8" 2–8	2'–11 ½" 3'–0" 3–0	3'–0 ½" 3'–1" 3–1	3'–3 ½" 3'–4" 3–4
3–0	TVBSH 2030	SH: TVBSH2030 4'–11" 4'–11 ½"	SH: TVBSH2430 5'–3" 5'–3 ½"	SH: TVBSH2830 5'–7" 5'–7 ½"	SH: TVBSH3032 5'–11" 5'–11 ½"	SH: TVBSH3130 6'–0" 6'–0 ½"	SH: TVBSH3430 6'–3" 6'–3 ½"
3–2	TVBSH 2032	SH: TVBSH2032 5'–1" 5'–1 ½"	SH: TVBSH2432 5'–5" 5'–5 ½"	SH: TVBSH2832 5'–9" 5'–9 ½"	SH: TVBSH3032 6'–1" 6'–1 ½"	SH: TVBSH3132 6'–2" 6'–2 ½"	SH: TVBSH3432 6'–5" 6'–5 ½"
3–8	TVBSH 2038	SH: TVBSH2038 5'–7" 5'–7 ½"	SH: TVBSH2438 5'–11" 5'–11 ½"	SH: TVBSH2838 6'–3" 6'–3 ½"	SH: TVBSH3038 6'–7" 6'–7 ½"	SH: TVBSH3138 6'–8" 6'–8 ½"	SH: TVBSH3438 6'–11" 6'–11 ½"
3–10	TVBSH 20310	SH: TVBSH20310 5'–9" 5'–9 ½"	SH: TVBSH24310 6'–1" 6'–1 ½"	SH: TVBSH28310 6'–5" 6'–5 ½"	SH: TVBSH30310 6'–9" 6'–9 ½"	SH: TVBSH31310 6'–10" 6'–10 ½"	
4–0	TVBSH 2040	SH: TVBSH2040 5'–11" 5'–11 ½"	SH: TVBSH2440 6'–3" 6'–3 ½"	SH: TVBSH2840 6'–7" 6'–7 ½"	SH: TVBSH3040 7'–11" 7'–11 ½"	SH: TVBSH3140 7'–0" 7'–0 ½"	
4–4	TVBSH 2044	SH: TVBSH2044 6'–3" 6'–3 ½"	SH: TVBSH2444 6'–7" 7'–7 ½"	SH: TVBSH2844 6'–11" 6'–11 ½"			
4–6	TVBSH 2046	SH: TVBSH2046 6'–5" 6'–5 ½"	SH: TVBSH2446 6'–9" 6'–9 ½"				

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows



Single Widths

Unit Dimension	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–0 ½"	3'–3 ½"
Rough Opening	2'–0"	2'–4"	2'–8"	3'–0"	3'–1"	3'–4"
Call Size	2–0	2–4	2–8	3–0	3–1	3–4
Heights	DH: TVBDH20CH SH: TVBSH20CH 0'–11 ¾" 1'–0 ¼"	DH: TVBDH24CH SH: TVBSH24CH 1'–1 ¾" 1'–2 ¼"	DH: TVBDH28CH SH: TVBSH28CH 1'–3 ¾" 1'–4 ¼"	DH: TVBDH30CH SH: TVBSH30CH 1'–5 ¾" 1'–6 ¼"	DH: Not Available SH: TVBSH31CH 1'–6 ¼" 1'–6 ¾"	DH: TVBDH34CH SH: TVBSH34CH 1'–7 ¾" 1'–8 ¼"
Grille Options (See chart on opposite page)	C01, CG2, COL	C03, CG3, COL	C03, CG3, COL	C03, CG3, COL	C03, CG3, COL	C01, C02 C03, C04, C05, C06, C07, CG4, COL

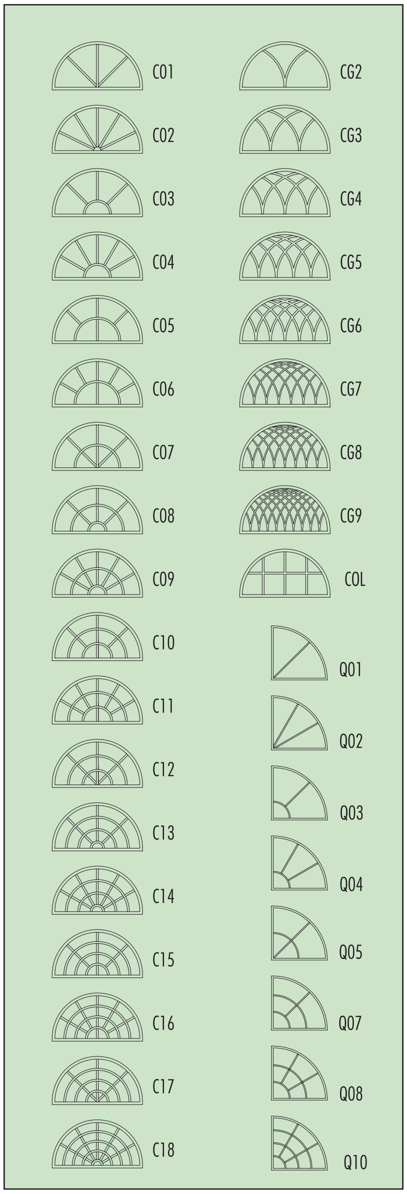
Twin Widths

Unit Dimension	3'–3 ½"	3'–11 ½"	4'–7 ½"	5'–3 ½"	5'–11 ½"	6'–1 ½"	6'–7 ½"
Rough Opening	3'–4"	4'–0"	4'–8"	5'–4"	6'–0"	6'–2"	6'–8"
Call Size	1–8 Twin	2–0 Twin	2–4 Twin	2–8 Twin	3–0 Twin	3–1 Twin	3–4 Twin
Heights	DH: TVBDH18–2CH SH: TVBSH18–2CH 1'–7 ¾" 1'–8 ¼"	DH: TVBDH20–2CH SH: TVBSH20–2CH 1'–11 ¾" 2'–0 ¼"	DH: TVBDH24–2CH SH: TVBSH24–2CH 2'–3 ¾" 2'–4 ¼"	DH: TVBDH28–2CH SH: TVBSH28–2CH 2'–7 ¾" 2'–8 ¼"	DH: TVBDH30–2CH SH: TVBSH30–2CH 2'–11 ¾" 3'–0 ¼"	DH: Not Available SH: TVBSH31–2CH 3'–0 ¾" 3'–1 ¼"	DH: TVBDH34–2CH SH: TVBSH34–2CH 3'–3 ¾" 3'–4 ¼"
Grille Options (See chart on opposite page)	C01, C02, C03, C04, C05, C06, C07, CG4, COL	C01, C02, C03, C04, C05, C06, C07, CG4, COL	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL	C01, C02, C03, C04, C13, C14, C15, C16, C17, CG8, COL

Triple Widths

Unit Dimension	4'–11 ½"	5'–11 ½"	6'–11 ½"	7'–11 ½"
Rough Opening	5'–0"	6'–0"	7'–0"	8'–0"
Call Size	1–8 Triple	2–0 Triple	2–4 Triple	2–8 Triple
Heights	DH: TVBDH18–3CH SH: TVBSH18–3CH 2'–5 ¾" 2'–6 ¼"	DH: TVBDH20–3CH SH: TVBSH20–3CH 2'–11 ¾" 3'–0 ¼"	DH: TVBDH24–3CH SH: TVBSH24–3CH 3'–5 ¾" 3'–6 ¼"	DH: TVBDH28–3CH SH: TVBSH28–3CH 3'–11 ¾" 4'–0 ¼"
Grille Options (See chart on opposite page)	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL	C04, C18, CG9, COL	C04, C18, CG9, COL

Optional Grille Patterns



Use order code to specify pattern

Quad Widths

Unit Dimension	6'–7 ½"	7'–11 ½"
Rough Opening	6'–8"	8'–0"
Call Size	1–8 Quad	2–0 Quad
Heights	DH: TVBDH18–4CH SH: TVBSH18–4CH 3'–3 ¾" 3'–4 ¼"	DH: TVBDH20–4CH SH: TVBSH20–4CH 3'–11 ¾" 4'–0 ¼"
Grille Options (See chart on this page)	C01, C02, C03, C04, C13, C14, C15, C16, C17, CG8, COL	C01, C02, C03, C04, C13, C14, C15, C16, C17, CG8, COL

Picture Widths

Unit Dimension	2'–11 ½"	3'–0 1/2"	3'–11 ½"	4'–11 ½"	5'–11 ½"
Rough Opening	3'–0"	3'–1"	4'–0"	5'–0"	6'–0"
Call Size	3–0 Picture	3–1 Picture	4–0 Picture	5–0 Picture	6–0 Picture
Heights	DH: TVBDH30–PCH SH: TVBSH30–PCH 1'–5 ¾" 1'–6 ¼"	DH: Not Available SH: TVBSH31–PCH 1'–6 ¼" 1'–6 ¾"	DH: TVBDH40–PCH SH: TVBSH40–PCH 1'–11 ¾" 2'–0 ¼"	DH: TVBDH50–PCH SH: TVBSH50–PCH 2'–5 ¾" 2'–6 ¼"	DH: TVBDH60–PCH SH: TVBSH60–PCH 2'–11 ¾" 3'–0 ¼"
Grille Options (See chart on this page)	C03, CG3, COL	C03, CG3, COL	C01, C03, C04, C05, C06, C07, CG4, COL	C03, C08, C09, CG5, COL	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL

Quarter Circle Widths

Unit Dimension	1'–7 ½"	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–0 ½"	3'–3 ½"
Rough Opening	1'–8"	2'–0"	2'–4"	2'–8"	3'–0"	3'–1"	3'–4"
Call Size	1–8	2–0	2–4	2–8	3–0	3–1	3–4
Heights	DH: TVBDH18QC SH: TVBSH18QC 1'–7 ½" 1'–8"	DH: TVBDH20QC SH: TVBSH20QC 1'–11 ½" 2'–0"	DH: TVBDH24QC SH: TVBSH24QC 2'–3 ½" 2'–4"	DH: TVBDH28QC SH: TVBSH28QC 2'–7 ½" 2'–8"	DH: TVBDH30QC SH: TVBSH30QC 2'–11 ½" 3'–0"	DH: Not Available SH: TVBSH 31QC 3'–0 ½" 3'–1"	DH: TVBDH34QC SH: TVBSH34QC 3'–3 ½" 3'–4"
Grille Options (See chart on this page)	Q01, Q02, Q03, Q04, Q05, COL	Q01, Q02, Q03, Q04, Q05, COL	Q01, Q02, Q03, Q04, Q05, Q07, Q08, COL	Q01, Q02, Q03, Q04, Q05, Q07, Q08, COL	Q01, Q02, Q03, Q04, Q05, Q07, Q08, COL	Q01, Q02, Q03, Q04, Q05, Q07, Q08, COL	Q01, Q02, Q04, Q10, COL

Standard Colonial Grille Pattern

Widths

Heights: Unit height dimension is listed first under individual windows. Rough Opening height dimension is listed second under individual windows.

Call Size	3–0	4–0	5– 0
Rough Opening	3'–0"	4'–0"	5'–0"
Unit Dimension	2'–11 ½"	3'–11 ½"	4'–11 ½"
3–8	DH: TVBDH3038–PTR SH: TVBSH3038–PTR 5'–1 ¼" 5'–1 ¾"	DH: TVBDH4038–PTR SH: TVBSH4038–PTR 5'–7 ¼" 5'–7 ¾"	DH: TVBDH5038–PTR SH: TVBSH5038–PTR 6'–1 ¼" 6'–1 ¾"
3–10	DH: TVBDH30310–PTR SH: TVBSH30310–PTR 5'–3 ¼" 5'–3 ¾"	DH: TVBDH40310–PTR SH: TVBSH40310–PTR 5'–9 ¼" 5'–9 ¾"	DH: TVBDH50310–PTR SH: TVBSH50310–PTR 6'–3 ¼" 6'–3 ¾"
4–0	DH: TVBDH3040–PTR SH: TVBSH3040–PTR 5'–5 ¼" 5'–5 ¾"	DH: TVBDH4040–PTR SH: TVBSH4040–PTR 5'–11 ¼" 5'–11 ¾"	DH: TVBDH5040–PTR SH: TVBSH5040–PTR 6'–5 ¼" 6'–5 ¾"
4–4	DH: TVBDH3044–PTR SH: TVBSH3044–PTR 5'–9 ¼" 5'–9 ¾"	DH: TVBDH4044–PTR SH: TVBSH4044–PTR 6'–3 ¼" 6'–3 ¾"	DH: TVBDH5044–PTR SH: TVBSH5044–PTR 6'–9 ¼" 6'–9 ¾"
4–6	DH: TVBDH3046–PTR SH: TVBSH3046–PTR 5'–11 ¼" 5'–11 ¾"	DH: TVBDH4046–PTR SH: TVBSH4046–PTR 6'–5 ¼" 6'–5 ¾"	DH: TVBDH5046–PTR SH: TVBSH5046–PTR 6'–11 ¼" 6'–11 ¾"
5–0	DH: TVBDH3050–PTR SH: TVBSH3050–PTR 6'–5 ¼" 6'–5 ¾"	DH: TVBDH4050–PTR SH: TVBSH4050–PTR 6'–11 ¼" 6'–11 ¾"	
5–2	DH: TVBDH3052–PTR SH: TVBSH3052–PTR 6'–7 ¼" 6'–7 ¾"	DH: TVBDH4052–PTR SH: TVBSH4052–PTR 7'–1 ¼" 7'–1 ¾"	
5–6 E	DH: TVBDH3056E–PTR SH: TVBSH3056–PTR 6'–11 ¼" 6'–11 ¾"	DH: TVBDH4056E–PTR SH: TVBSH4056–PTR 7'–5 ¼" 7'–5 ¾"	
5–6 C	DH: TVBDH3056C–PTR SH: Not Available 6'–11 ¼" 6'–11 ¾"	DH: TVBDH4056C–PTR SH: Not Available 7'–5 ¼" 7'–5 ¾"	
6–0	DH: TVBDH3060–PTR SH: TVBSH3060–PTR 7'–5 ¼" 7'–5 ¾"	DH: TVBDH4060–PTR SH: TVBSH4060–PTR 7'–11 ¼" 7'–11 ¾"	
6–2	DH: TVBDH3062–PTR SH: TVBSH3062–PTR 7'–7 ¼" 7'–7 ¾"	DH: TVBDH4062–PTR SH: TVBSH4062–PTR 8'–1 ¼" 8'–1 ¾"	

Call Size	1–0	1–2	1–4	Call Size	Rough Opening	Unit Dimension
Rough Opening	1'–0"	1'–2"	1'–4"			
Unit Dimension	0'–11 ½"	1'–1 ½"	1'–3 ½"			
	DH: TVBDH1038SL SH: TVBSH1038SL	DH: TVBDH1238SL SH: TVBSH1238SL	DH: TVBDH1438SL SH: TVBSH1438SL	3–8	3'–8"	3'–7 ½"
	DH: TVBDH10310SL SH: TVBSH10310SL	DH: TVBDH12310SL SH: TVBSH12310SL	DH: TVBDH14310SL SH: TVBSH14310SL	3–10	3'–10"	3'–9 ½"
	DH: TVBDH1040SL SH: TVBSH1040SL	DH: TVBDH1240SL SH: TVBSH1240SL	DH: TVBDH1440SL SH: TVBSH1440SL	4–0	4'–0"	3'–11 ½"
	DH: TVBDH1044SL SH: TVBSH1044SL	DH: TVBDH1244SL SH: TVBSH1244SL	DH: TVBDH1444SL SH: TVBSH1444SL	4–4	4'–4"	4'–3 ½"
	DH: TVBDH1046SL SH: TVBSH1046SL	DH: TVBDH1246SL SH: TVBSH1246SL	DH: TVBDH1446SL SH: TVBSH1446SL	4–6	4'–6"	4'–5 ½"
	DH: TVBDH1050SL SH: TVBSH1050SL	DH: TVBDH1250SL SH: TVBSH1250SL	DH: TVBDH1450SL SH: TVBSH1450SL	5–0	5'–0"	4'–11 ½"
	DH: TVBDH1052SL SH: TVBSH1052SL	DH: TVBDH1252SL SH: TVBSH1252SL	DH: TVBDH1452SL SH: TVBSH1452SL	5–2	5'–2"	5'–1 ½"
	DH: TVBDH1056ESL SH: TVBSH1056SL	DH: TVBDH1256ESL SH: TVBSH1256SL	DH: TVBDH1456ESL DH: TVBSH1456SL	5–6 E	5'–6"	5'–5 ½"
	DH: TVBDH1056CSL SH: Not Available	DH: TVBDH1256CSL SH: Not Available	DH: TVBDH1456CSL SH: Not Available	5–6 C	5'–6"	5' / 5 ½"
	DH: TVBDH1060SL SH: TVBSH1060SL	DH: TVBDH1260SL SH: TVBSH1260SL	DH: TVBDH1460SL SH: TVBSH1460SL	6–0	6'–0"	5'–11 ½"
	DH: TVBDH1062SL SH: TVBSH1062SL	DH: TVBDH1262SL SH: TVBSH1262SL	DH: TVBDH1462SL SH: TVBSH1462SL	6–2	6'–2"	6'–1 ½"

Optional Gothic Grille Pattern

Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Call Size	Rough Opening	Unit Dimension	3–0	4–0	5– 0	1–0	1–2	1–4
		Rough Opening	3'–0"	4'–0"	5'–0"	1'–0"	1'–2"	1'–4"
		Unit Dimension	2'–11 ½"	3'–11 ½"	4'–11 ½"	0'–11 ½"	1'–1 ½"	1'–3 ½"
3–8	3'–8"	3'–7 ½"	DH: TVBDH3038–PTR SH: TVBSH3038–PTR 5'–1 ¼" 5'–1 ¾"	DH: TVBDH4038–PTR SH: TVBSH4038–PTR 5'–7 ¼" 5'–7 ¾"	DH: TVBDH5038–PTR SH: TVBSH5038–PTR 6'–1 ¼" 6'–1 ¾"	DH: TVBDH1038SL SH: TVBSH1038SL	DH: TVBDH1238SL SH: TVBSH1238SL	DH: TVBDH1438SL SH: TVBSH1438SL
3–10	3'–10"	3'–9 ½"	DH: TVBDH30310–PTR SH: TVBSH30310–PTR 5'–3 ¼" 5'–3 ¾"	DH: TVBDH40310–PTR SH: TVBSH40310–PTR 5'–9 ¼" 5'–9 ¾"	DH: TVBDH50310–PTR SH: TVBSH50310–PTR 6'–3 ¼" 6'–3 ¾"	DH: TVBDH10310SL SH: TVBSH10310SL	DH: TVBDH12310SL SH: TVBSH12310SL	DH: TVBDH14310SL SH: TVBSH14310SL
4–0	4'–0"	3'–11 ½"	DH: TVBDH3040–PTR SH: TVBSH3040–PTR 5'–5 ¼" 5'–5 ¾"	DH: TVBDH4040–PTR SH: TVBSH4040–PTR 5'–11 ¼" 5'–11 ¾"	DH: TVBDH5040–PTR SH: TVBSH5040–PTR 6'–5 ¼" 6'–5 ¾"	DH: TVBDH1040SL SH: TVBSH1040SL	DH: TVBDH1240SL SH: TVBSH1240SL	DH: TVBDH1440SL SH: TVBSH1440SL
4–4	4'–4"	4'–3 ½"	DH: TVBDH3044–PTR SH: TVBSH3044–PTR 5'–9 ¼" 5'–9 ¾"	DH: TVBDH4044–PTR SH: TVBSH4044–PTR 6'–3 ¼" 6'–3 ¾"	DH: TVBDH5044–PTR SH: TVBSH5044–PTR 6'–9 ¼" 6'–9 ¾"	DH: TVBDH1044SL SH: TVBSH1044SL	DH: TVBDH1244SL SH: TVBSH1244SL	DH: TVBDH1444SL SH: TVBSH1444SL
4–6	4'–6"	4'–5 ½"	DH: TVBDH3046–PTR SH: TVBSH3046–PTR 5'–11 ¼" 5'–11 ¾"	DH: TVBDH4046–PTR SH: TVBSH4046–PTR 6'–5 ¼" 6'–5 ¾"	DH: TVBDH5046–PTR SH: TVBSH5046–PTR 6'–11 ¼" 6'–11 ¾"	DH: TVBDH1046SL SH: TVBSH1046SL	DH: TVBDH1246SL SH: TVBSH1246SL	DH: TVBDH1446SL SH: TVBSH1446SL
5–0	5'–0"	4'–11 ½"	DH: TVBDH3050–PTR SH: TVBSH3050–PTR 6'–5 ¼" 6'–5 ¾"	DH: TVBDH4050–PTR SH: TVBSH4050–PTR 6'–11 ¼" 6'–11 ¾"		DH: TVBDH1050SL SH: TVBSH1050SL	DH: TVBDH1250SL SH: TVBSH1250SL	DH: TVBDH1450SL SH: TVBSH1450SL
5–2	5'–2"	5'–1 ½"	DH: TVBDH3052–PTR SH: TVBSH3052–PTR 6'–7 ¼" 6'–7 ¾"	DH: TVBDH4052–PTR SH: TVBSH4052–PTR 7'–1 ¼" 7'–1 ¾"		DH: TVBDH1052SL SH: TVBSH1052SL	DH: TVBDH1252SL SH: TVBSH1252SL	DH: TVBDH1452SL SH: TVBSH1452SL
5–6 E	5'–6"	5'–5 ½"	DH: TVBDH3056E–PTR SH: TVBSH3056–PTR 6'–11 ¼" 6'–11 ¾"	DH: TVBDH4056E–PTR SH: TVBSH4056–PTR 7'–5 ¼" 7'–5 ¾"		DH: TVBDH1056ESL SH: TVBSH1056SL	DH: TVBDH1256ESL SH: TVBSH1256SL	DH: TVBDH1456ESL DH: TVBDH1456SL
5–6 C	5'–6"	5' / 5 ½"	DH: TVBDH3056C–PTR SH: Not Available 6'–11 ¼" 6'–11 ¾"	DH: TVBDH4056C–PTR SH: Not Available 7'–5 ¼" 7'–5 ¾"		DH: TVBDH1056CSL SH: Not Available	DH: TVBDH1256CSL SH: Not Available	DH: TVBDH1456CSL SH: Not Available
6–0	6'–0"	5'–11 ½"	DH: TVBDH3060–PTR SH: TVBSH3060–PTR 7'–5 ¼" 7'–5 ¾"	DH: TVBDH4060–PTR SH: TVBSH4060–PTR 7'–11 ¼" 7'–11 ¾"		DH: TVBDH1060SL SH: TVBSH1060SL	DH: TVBDH1260SL SH: TVBSH1260SL	DH: TVBDH1460SL SH: TVBSH1460SL
6–2	6'–2"	6'–1 ½"	DH: TVBDH3062–PTR SH: TVBSH3062–PTR 7'–7 ¼" 7'–7 ¾"	DH: TVBDH4062–PTR SH: TVBSH4062–PTR 8'–1 ¼" 8'–1 ¾"		DH: TVBDH1062SL SH: TVBSH1062SL	DH: TVBDH1262SL SH: TVBSH1262SL	DH: TVBDH1462SL SH: TVBSH1462SL

Standard Colonial Grille Pattern

Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–11 ½"	4'–11 ½"
Rough Opening	2'–0"	2'–4"	2'–8"	3'–0"	4'–0"	5'–0"
Call Size	2–0	2–4	2–8	3–0	4–0	5–0
3–8	DH: TVBDH2038–PAH SH: Not Available 3'–11 7/16" 3'–11 15/16"	DH: TVBDH2438–PAH SH: Not Available 4'–0 1/16" 4'–0 9/16"	DH: TVBDH2838–PAH SH: Not Available 4'–0 3/4" 4'–1 1/4"	DH: TVBDH3038–PAH SH: TVBSH3038–PAH 4'–1 7/16" 4'–1 15/16"	DH: TVBDH4038–PAH SH: TVBSH4038–PAH 4'–3 7/16" 4'–3 15/16"	DH: TVBDH5038–PAH SH: TVBSH5038–PAH 4'–5 7/16" 4'–5 15/16"
3–10	DH: TVBDH20310–PAH SH: Not Available 4'–1 7/16" 4'–1 15/16"	DH: TVBDH24310–PAH SH: Not Available 4'–2 1/16" 4'–2 9/16"	DH: TVBDH28310–PAH SH: Not Available 4'–2 3/4" 4'–3 1/4"	DH: TVBDH30310–PAH SH: TVBSH30310–PAH 4'–3 7/16" 4'–3 15/16"	DH: TVBDH40310–PAH SH: TVBSH40310–PAH 4'–5 7/16" 4'–5 15/16"	DH: TVBDH50310–PAH SH: TVBSH50310–PAH 4'–7 7/16" 4'–7 15/16"
4–0	DH: TVBDH2040–PAH SH: Not Available 4'–3 7/16" 4'–3 15/16"	DH: TVBDH2440–PAH SH: Not Available 4'–4 1/16" 4'–4 9/16"	DH: TVBDH2840–PAH SH: Not Available 4'–4 3/4" 4'–5 1/4"	DH: TVBDH3040–PAH SH: TVBSH3040–PAH 4'–5 7/16" 4'–5 15/16"	DH: TVBDH4040–PAH SH: TVBSH4040–PAH 4'–7 7/16" 4'–7 15/16"	DH: TVBDH5040–PAH SH: TVBSH5040–PAH 4'–9 7/16" 4'–9 15/16"
4–4	DH: TVBDH2044–PAH SH: Not Available 4'–7 7/16" 4'–7 15/16"	DH: TVBDH2444–PAH SH: Not Available 4'–8 1/16" 4'–8 9/16"	DH: TVBDH2844–PAH SH: Not Available 4'–8 3/4" 4'–9 1/4"	DH: TVBDH3044–PAH SH: TVBSH3044–PAH 4'–9 7/16" 4'–9 15/16"	DH: TVBDH4044–PAH SH: TVBSH4044–PAH 4'–11 7/16" 4'–11 15/16"	DH: TVBDH5044–PAH SH: TVBSH5044–PAH 5'–1 7/16" 5'–1 15/16"
4–6	DH: TVBDH2046–PAH SH: Not Available 4'–9 7/16" 4'–9 15/16"	DH: TVBDH2446–PAH SH: Not Available 4'–10 1/16" 4'–10 9/16"	DH: TVBDH2846–PAH SH: Not Available 4'–10 3/4" 4'–11 1/4"	DH: TVBDH3046–PAH SH: TVBSH3046–PAH 4'–11 7/16" 4'–11 15/16"	DH: TVBDH4046–PAH SH: TVBSH4046–PAH 5'–1 7/16" 5'–1 15/16"	DH: TVBDH3050–PAH SH: TVBSH3050–PAH 5'–3 7/16" 5'–3 15/16"
5–0	DH: TVBDH2050–PAH SH: Not Available 5'–3 7/16" 5'–3 15/16"	DH: TVBDH2450–PAH SH: Not Available 5'–4 1/16" 5'–4 9/16"	DH: TVBDH2850–PAH SH: Not Available 5'–4 3/4" 5'–5 1/4"	DH: TVBDH3050–PAH SH: TVBSH3050–PAH 5'–5 7/16" 5'–5 15/16"	DH: TVBDH4050–PAH SH: TVBSH4050–PAH 5'–7 7/16" 5'–7 15/16"	DH: TVBDH5050–PAH SH: TVBSH5050–PAH 5'–9 7/16" 5'–9 15/16"
5–2	DH: TVBDH2052–PAH SH: Not Available 5'–5 7/16" 5'–5 15/16"	DH: TVBDH2452–PAH SH: Not Available 5'–6 1/16" 5'–6 9/16"	DH: TVBDH2852–PAH SH: Not Available 5'–6 3/4" 5'–7 1/4"	DH: TVBDH3052–PAH SH: TVBSH3052–PAH 5'–7 7/16" 5'–7 15/16"	DH: TVBDH4052–PAH SH: TVBSH4052–PAH 5'–9 7/16" 5'–9 15/16"	DH: TVBDH5052–PAH SH: TVBSH5052–PAH 5'–11 7/16" 5'–11 15/16"
5–6 E	DH: TVBDH2056E–PAH SH: Not Available 5'–9 7/16" 5'–9 15/16"	DH: TVBDH2456E–PAH SH: Not Available 5'–10 1/16" 5'–10 9/16"	DH: TVBDH2856E–PAH SH: Not Available 5'–10 3/4" 5'–11 1/4"	DH: TVBDH3056E–PAH SH: TVBSH3056–PAH 5'–11 7/16" 5'–11 15/16"	DH: TVBDH4056E–PAH SH: TVBSH4056–PAH 6'–1 7/16" 6'–1 15/16"	DH: TVBDH5056E–PAH SH: TVBSH5056–PAH 6'–3 7/16" 6'–3 15/16"
5–6 C	DH: TVBDH2056C–PAH SH: Not Available 5'–9 7/16" 5'–9 15/16"	DH: TVBDH2456C–PAH SH: Not Available 5'–10 1/16" 5'–10 9/16"	DH: TVBDH2856C–PAH SH: Not Available 5'–10 3/4" 5'–11 1/4"	DH: TVBDH3056E–PAH SH: Not Available 5'–11 7/16" 5'–11 15/16"	DH: TVBDH4056E–PAH SH: Not Available 6'–1 7/16" 6'–1 15/16"	DH: TVBDH5056E–PAH SH: Not Available 6'–3 7/16" 6'–3 15/16"
6–0	DH: TVBDH2060–PAH SH: Not Available 6'–3 7/16" 6'–3 15/16"	DH: TVBDH2460–PAH SH: Not Available 6'–4 1/16" 6'–4 9/16"	DH: TVBDH2860–PAH SH: Not Available 6'–4 3/4" 6'–5 1/4"	DH: TVBDH3060–PAH SH: TVBSH3060–PAH 6'–5 7/16" 6'–5 15/16"	DH: TVBDH4060–PAH SH: TVBSH4060–PAH 6'–7 7/16" 6'–7 15/16"	DH: TVBDH5060–PAH SH: TVBSH5060–PAH 6'–9 7/16" 6'–9 15/16"
6–2	DH: TVBDH2062–PAH SH: Not Available 6'–5 7/16" 6'–5 15/16"	DH: TVBDH2462–PAH SH: Not Available 6'–6 1/16" 6'–6 9/16"	DH: TVBDH2862–PAH SH: Not Available 6'–6 3/4" 6'–7 1/4"	DH: TVBDH3062–PAH SH: TVBSH3062–PAH 6'–7 7/16" 6'–7 15/16"	DH: TVBDH4062–PAH SH: TVBSH4062–PAH 6'–9 7/16" 6'–9 15/16"	DH: TVBDH5062–PAH SH: TVBSH5062–PAH 6'–11 7/16" 6'–11 15/16"

Optional Renaissance Grille Pattern

Widths

Heights — Unit height dimension is listed first under individual windows; Rough Opening height dimension is listed second under individual windows

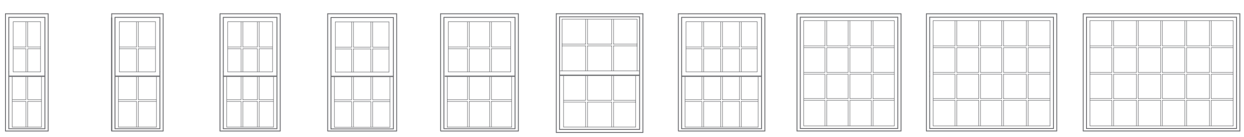
Call Size	Unit Dimension 2'–11 ½" / Rough Opening 3'–0" / Call Size 3–0	Unit Dimension 3'–11 ½" / Rough Opening 4'–0" / Call Size 4–0	Unit Dimension 4'–11 ½" / Rough Opening 5'–0" / Call Size 5–0
3–8	DH: TVBDH3038–PAH SH: TVBSH3038–PAH 4'–1 7/16" 4'–1 15/16"	DH: TVBDH4038–PAH SH: TVBSH4038–PAH 4'–3 7/16" 4'–3 15/16"	DH: TVBDH5038–PAH SH: TVBSH5038–PAH 4'–5 7/16" 4'–5 15/16"
3–10	DH: TVBDH30310–PAH SH: TVBSH30310–PAH 4'–3 7/16" 4'–3 15/16"	DH: TVBDH40310–PAH SH: TVBSH40310–PAH 4'–5 7/16" 4'–5 15/16"	DH: TVBDH50310–PAH SH: TVBSH50310–PAH 4'–7 7/16" 4'–7 15/16"
4–0	DH: TVBDH3040–PAH SH: TVBSH3040–PAH 4'–5 7/16" 4'–5 15/16"	DH: TVBDH4040–PAH SH: TVBSH4040–PAH 4'–7 7/16" 4'–7 15/16"	DH: TVBDH5040–PAH SH: TVBSH5040–PAH 4'–9 7/16" 4'–9 15/16"
4–4	DH: TVBDH3044–PAH SH: TVBSH3044–PAH 4'–9 7/16" 4'–9 15/16"	DH: TVBDH4044–PAH SH: TVBSH4044–PAH 4'–11 7/16" 4'–11 15/16"	DH: TVBDH5044–PAH SH: TVBSH5044–PAH 5'–1 7/16" 5'–1 15/16"
4–6	DH: TVBDH3046–PAH SH: TVBSH3046–PAH 4'–11 7/16" 4'–11 15/16"	DH: TVBDH4046–PAH SH: TVBSH4046–PAH 5'–1 7/16" 5'–1 15/16"	DH: TVBDH3050–PAH SH: TVBSH3050–PAH 5'–3 7/16" 5'–3 15/16"
5–0	DH: TVBDH3050–PAH SH: TVBSH3050–PAH 5'–5 7/16" 5'–5 15/16"	DH: TVBDH4050–PAH SH: TVBSH4050–PAH 5'–7 7/16" 5'–7 15/16"	DH: TVBDH5050–PAH SH: TVBSH5050–PAH 5'–9 7/16" 5'–9 15/16"
5–2	DH: TVBDH3052–PAH SH: TVBSH3052–PAH 5'–7 7/16" 5'–7 15/16"	DH: TVBDH4052–PAH SH: TVBSH4052–PAH 5'–9 7/16" 5'–9 15/16"	DH: TVBDH5052–PAH SH: TVBSH5052–PAH 5'–11 7/16" 5'–11 15/16"
5–6 E	DH: TVBDH3056E–PAH SH: TVBSH3056–PAH 5'–11 7/16" 5'–11 15/16"	DH: TVBDH4056E–PAH SH: TVBSH4056–PAH 6'–1 7/16" 6'–1 15/16"	DH: TVBDH5056E–PAH SH: TVBSH5056–PAH 6'–3 7/16" 6'–3 15/16"
5–6 C	DH: TVBDH3056C–PAH SH: Not Available 5'–11 7/16" 5'–11 15/16"	DH: TVBDH4056C–PAH SH: Not Available 6'–1 7/16" 6'–1 15/16"	DH: TVBDH5056C–PAH SH: Not Available 6'–3 7/16" 6'–3 15/16"
6–0	DH: TVBDH3060–PAH SH: TVBSH3060–PAH 6'–5 7/16" 6'–5 15/16"	DH: TVBDH4060–PAH SH: TVBSH4060–PAH 6'–7 7/16" 6'–7 15/16"	DH: TVBDH5060–PAH SH: TVBSH5060–PAH 6'–9 7/16" 6'–9 15/16"
6–2	DH: TVBDH3062–PAH SH: TVBSH3062–PAH 6'–7 7/16" 6'–7 15/16"	DH: TVBDH4062–PAH SH: TVBSH4062–PAH 6'–9 7/16" 6'–9 15/16"	DH: TVBDH5062–PAH SH: TVBSH5062–PAH 6'–11 7/16" 6'–11 15/16"

Standard Colonial Grille Pattern

Single Widths

Heights — Unit height dimension is listed first under individual windows; Rough Opening height dimension is listed second under individual windows

Unit Dimension	1'–7 ½"	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3' - 0 ½"	3'–3 ½"	3'–11 ½"	4'–11 ½"	5'–11 ½"
Rough Opening	1'–8"	2'–0"	2'–4"	2'–8"	3'–0"	3' - 1"	3'–4"	4'–0"	5'–0"	6'–0"
Call Size	1–8	2–0	2– 4	2–8	3–0	3 - 1	3–4	4–0	5–0	6–0
0–6	DH: TVBDH1806–AH SH: TVBSH1806–AH 0'–9 1/4" 0'–9 3/4"	DH: TVBDH2006–AH SH: TVBSH2006–AH 0'–9 15/16" 0'–10 7/16"	DH: TVBDH2406–AH SH: TVBSH2406–AH 0'–10 9/16" 0'–11 1/16"	DH: TVBDH2806–AH SH: TVBSH2806–AH 0'–11 1/4" 0'–11 3/4"	DH: TVBDH3006–AH SH: TVBSH3006–AH 0'–11 15/16" 1'–0 7/16"	DH: Not Available SH: TVBSH3106–AH 1'–0 1/16" 1'–0 9/16"	DH: TVBDH3406–AH SH: TVBSH3406–AH 1'–0 9/16" 1'–1 1/16"	DH: TVBDH4006–AH SH: TVBSH4006–AH 1'–1 15/16" 1'–2 7/16"	DH: TVBDH5006–AH SH: TVBSH5006–AH 1'–3 15/16" 1'–4 7/16"	DH: TVBDH6006–AH SH: TVBSH6006–AH 1'–5 15/16" 1'–6 7/16"
1–0	DH: TVBDH1810–AH SH: TVBSH1810–AH 1'–2 3/4" 1'–3 1/4"	DH: TVBDH2010–AH SH: TVBSH2010–AH 1'–3 7/16" 1'–3 15/16"	DH: TVBDH2410–AH SH: TVBSH2410–AH 1'–4 1/16" 1'–4 9/16"	DH: TVBDH2810–AH SH: TVBSH2810–AH 1'–4 3/4" 1'–5 1/4"	DH: TVBDH3010–AH SH: TVBSH3010–AH 1'–5 7/16" 1'–5 15/16"	DH: Not Available SH: TVBSH3110–AH 1'–5 9/16" 1'–6 1/16"	DH: TVBDH3410–AH SH: TVBSH3410–AH 1'–6 1/16" 1'–6 9/16"	DH: TVBDH4010–AH SH: TVBSH4010–AH 1'–7 7/16" 1'–7 15/16"	DH: TVBDH5010–AH SH: TVBSH5010–AH 1'–9 7/16" 1'–9 15/16"	DH: TVBDH6010–AH SH: TVBSH6010–AH 1'–11 7/16" 1'–11 15/16"
1–4	DH: TVBDH1814–AH SH: TVBSH1814–AH 1'–6 3/4" 1'–7 1/4"	DH: TVBDH2014–AH SH: TVBSH2014–AH 1'–7 7/16" 1'–7 15/16"	DH: TVBDH2414–AH SH: TVBSH2414–AH 1'–8 1/16" 1'–8 9/16"	DH: TVBDH2814–AH SH: TVBSH2814–AH 1'–8 3/4" 1'–9 1/4"	DH: TVBDH3014–AH SH: TVBSH3014–AH 1'–9 7/16" 1'–9 15/16"	DH: Not Available SH: TVBSH3114–AH 1'–9 9/16" 1'–10 1/16"	DH: TVBDH3414–AH SH: TVBSH3414–AH 1'–10 1/16" 1'–10 9/16"	DH: TVBDH4014–AH SH: TVBSH4014–AH 1'–11 7/16" 1'–11 15/16"	DH: TVBDH5014–AH SH: TVBSH5014–AH 2'–1 7/16" 2'–1 15/16"	DH: TVBDH6014–AH SH: TVBSH6014–AH 2'–3 7/16" 2'–3 15/16"
1–6	DH: TVBDH1816–AH SH: Not Available 1'–8 3/4" 1'–9 1/4"	DH: TVBDH2016–AH SH: Not Available 1'–9 7/16" 1'–9 15/16"	DH: TVBDH2416–AH SH: Not Available 1'–10 1/16" 1'–10 9/16"	DH: TVBDH2816–AH SH: Not Available 1'–10 3/4" 1'–11 1/4"	DH: TVBDH3016–AH SH: Not Available 1'–11 7/16" 1'–11 15/16"		DH: TVBDH3416–AH SH: Not Available 2'–0 1/16" 2'–0 9/16"	DH: TVBDH4016–AH SH: Not Available 2'–1 7/16" 2'–1 15/16"	DH: TVBDH5016–AH SH: Not Available 2'–3 7/16" 2'–3 15/16"	DH: TVBDH6016–AH SH: Not Available 2'–5 7/16" 2'–5 15/16"
1–8	DH: TVBDH1818–AH SH: TVBSH1818–AH 1'–10 3/4" 1'–11 1/4"	DH: TVBDH2018–AH SH: TVBSH2018–AH 1'–11 7/16" 1'–11 15/16"	DH: TVBDH2418–AH SH: TVBSH2418–AH 2'–0 1/16" 2'–0 9/16"	DH: TVBDH2818–AH SH: TVBDH2818–AH 2'–0 3/4" 2'–1 1/4"	DH: TVBDH3018–AH SH: TVBSH3018–AH 2'–1 7/16" 2'–1 15/16"	DH: Not Available SH: TVBSH3118–AH 2'–1 9/16" 2'–2 1/16"	DH: TVBDH3418–AH SH: TVBSH3418–AH 2'–2 1/16" 2'–2 9/16"	DH: TVBDH4018–AH SH: TVBSH4018–AH 2'–3 7/16" 2'–3 15/16"	DH: TVBDH5018–AH SH: TVBSH5018–AH 2'–5 7/16" 2'–5 15/16"	DH: TVBDH6018–AH SH: TVBSH6018–AH 2'–7 7/16" 2'–7 15/16"



Standard Colonial Grille Pattern

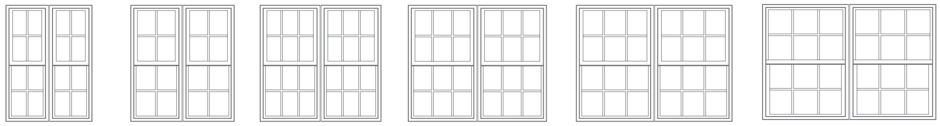
Twin Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension	3'–3 ½"	3'–11 ½"	4'–7 ½"	5'–3 ½"	5'–11 ½"	6'–1 ½"
Rough Opening	3'–4"	4'–0"	4'–8"	5'–4"	6'–0"	6'–2"
Call Size	1–8 Twin	2–0 Twin	2–4 Twin	2–8 Twin	3–0 Twin	3–1 Twin
0–6	DH: TVBDH1806–2AH SH: TVBSH1806–2AH 1'–0 9/16" 1'–1 1/16"	DH: TVBDH2006–2AH SH: TVBSH2006–2AH 1'–1 15/16" 1'–2 7/16"	DH: TVBDH2406–2AH SH: TVBSH2406–2AH 1'–3 1/4" 1'–3 3/4"	DH: TVBDH2806–2AH SH: TVBSH2806–2AH 1'–4 9/16" 1'–5 1/16"	DH: TVBDH3006–2AH SH: TVBSH3006–2AH 1'–5 15/16" 1'–6 7/16"	DH: Not Available SH: TVBSH3106–2AH 1'–6 1/4" 1'–6 3/4"
1–0	DH: TVBDH1810–2AH SH: TVBSH1810–2AH 1'–6 1/16" 1'–6 9/16"	DH: TVBDH2010–2AH SH: TVBSH2010–2AH 1'–7 7/16" 1'–7 15/16"	DH: TVBDH2410–2AH SH: TVBSH2410–2AH 1'–8 3/4" 1'–9 1/4"	DH: TVBDH2810–2AH SH: TVBSH2810–2AH 1'–10 1/16" 1'–10 9/16"	DH: TVBDH3010–2AH SH: TVBSH3010–2AH 1'–11 7/16" 1'–11 15/16"	DH: Not Available SH: TVBSH3110–2AH 1'–11 3/4" 2'–0 1/4"
1–4	DH: TVBDH1814–2AH SH: TVBSH1814–2AH 1'–10 1/16" 1'–10 9/16"	DH: TVBDH2014–2AH SH: TVBSH2014–2AH 1'–11 7/16" 1'–11 15/16"	DH: TVBDH2414–2AH SH: TVBSH2414–2AH 2'–0 3/4" 2' –1 1/4"	DH: TVBDH2814–2AH SH: TVBSH2814–2AH 2'–2 1/16" 2'–2 9/16"	DH: TVBDH3014–2AH SH: TVBSH3014–2AH 2'–3 7/16" 2'–3 15/16"	DH: Not Available SH: TVBSH3114–2AH 2'–3 3/4" 2'–4 1/4"
1–6	DH: TVBDH1816–2AH SH: Not Available 2'–0 1/16" 2'–0 9/16"	DH: TVBDH2016–2AH SH: Not Available 2'–1 7/16" 2'–1 15/16"	DH: TVBDH2416–2AH SH: Not Available 2'–2 3/4" 2' –3 1/4"	DH: TVBDH2816–2AH SH: Not Available 2'–4 1/16" 2'–4 9/16"	DH: TVBDH3016–2AH SH: Not Available 2'–5 7/16" 2'–5 15/16"	
1–8	DH: TVBDH1818–2AH SH: TVBSH1818–2AH 2'–2 1/16" 2'–2 9/16"	DH: TVBDH2018–2AH SH: TVBSH2018–2AH 2'–3 7/16" 2'–3 15/16"	DH: TVBDH2418–2AH SH: TVBSH2418–2AH 2'–4 3/4" 2' –5 1/4"	DH: TVBDH2818–2AH SH: TVBSH2818–2AH 2'–6 1/16" 2'–6 9/16"	DH: TVBDH3018–2AH SH: TVBSH3018–2AH 2'–7 7/16" 2'–7 15/16"	DH: Not Available SH: TVBSH3118–2AH 2'–7 3/4" 2'–8 1/4"



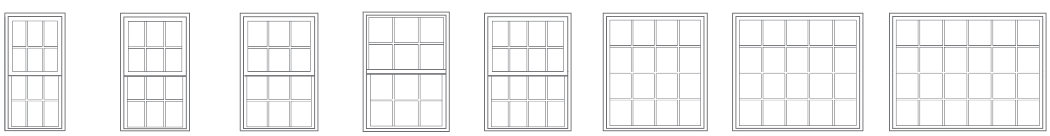
Optional Renaissance Grille Pattern
Single Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension	2' – 3 ½"	2' – 7 ½"	2' – 11 ½"	3'–0 ½"	3' – 3 ½"	3' – 11 ½"	4' – 11 ½"	5' – 11 ½"
Rough Opening	2' – 4"	2' – 8"	3' – 0"	3'–1"	3' – 4"	4' – 0"	5' – 0"	6' – 0"
Call Size	2 – 4	2 – 8	3 – 0	3–1	3 – 4	4 – 0	5 – 0	6 – 0
0 – 6	DH: TVBDH2406–AH SH: TVBSH2406–AH 0' – 10 9/16" 0' – 11 1/16"	DH: TVBDH2806–AH SH: TVBSH2806–AH 0' – 11 1/4" 0' – 11 3/4"	DH: TVBDH3006–AH SH: TVBSH3006–AH 0' – 11 15/16" 1' – 0 7/16"	DH: Not Available SH: TVBSH3106–AH 1'–0 1/16" 1'–0 9/16"	DH: TVBDH3406–AH SH: TVBSH3406–AH 1' – 0 9/16" 1' – 1 1/16"	DH: TVBDH4006–AH SH: TVBSH4006–AH 1' – 1 15/16" 1' – 2 7/16"	DH: TVBDH5006–AH SH: TVBSH5006–AH 1' – 3 15/16" 1' – 4 7/16"	DH: TVBDH6006–AH SH: TVBSH6006–AH 1' – 5 15/16" 1' – 6 7/16"
1 – 0	DH: TVBDH2410–AH SH: TVBSH2410–AH 1' – 4 1/16" 1' – 4 9/16"	DH: TVBDH2810–AH SH: TVBSH2810–AH 1' – 4 3/4" 1' – 5 1/4"	DH: TVBDH3010–AH SH: TVBSH3010–AH 1' – 5 7/16" 1' – 5 15/16"	DH: Not Available SH: TVBSH3110–AH 1'–5 9/16" 1'–6 1/16"	DH: TVBDH3410–AH SH: TVBSH3410–AH 1' – 6 1/16" 1' – 6 9/16"	DH: TVBDH4010–AH SH: TVBSH4010–AH 1' – 7 7/16" 1' – 7 15/16"	DH: TVBDH5010–AH SH: TVBSH5010–AH 1' – 9 7/16" 1' – 9 15/16"	DH: TVBDH6010–AH SH: TVBSH6010–AH 1' – 11 7/16" 1' – 11 15/16"
1 – 4	DH: TVBDH2414–AH SH: TVBSH2414–AH 1' – 8 1/16" 1' – 8 9/16"	DH: TVBDH2814–AH SH: TVBSH2814–AH 1' – 8 3/4" 1' – 9 1/4"	DH: TVBDH3014–AH SH: TVBSH3014–AH 1' – 9 7/16" 1' – 9 15/16"	DH: Not Available SH: TVBSH3114–AH 1'–9 9/16" 1'–10 1/16"	DH: TVBDH3414–AH SH: TVBSH3414–AH 1' – 10 1/16" 1' – 10 9/16"	DH: TVBDH4014–AH SH: TVBSH4014–AH 1' – 11 7/16" 1' – 11 15/16"	DH: TVBDH5014–AH SH: TVBSH5014–AH 2' – 1 7/16" 2' – 1 15/16"	DH: TVBDH6014–AH SH: TVBSH6014–AH 2' – 3 7/16" 2' – 3 15/16"
1–6	DH: TVBDH2416–AH SH: Not Available 1'–10 1/16" 1'–10 9/16"	DH: TVBDH2816–AH SH: Not Available 1'–10 3/4" 1'–11 1/4"	DH: TVBDH3016–AH SH: Not Available 1'–11 7/16" 1'–11 15/16"		DH: TVBDH3416–AH SH: Not Available 2'–0 1/16" 2'–0 9/16"	DH: TVBDH4016–AH SH: Not Available 2'–1 7/16" 2'–1 15/16"	DH: TVBDH5016–AH SH: Not Available 2'–3 7/16" 2'–3 15/16"	DH: TVBDH6016–AH SH: Not Available 2'–5 7/16" 2'–5 15/16"
1 – 8	DH: TVBDH2418–AH SH: TVBSH2418–AH 2' – 0 1/16" 2' – 0 9/16"	DH: TVBDH2818–AH SH: TVBSH2818–AH 2' – 0 3/4" 2' – 1 1/4"	DH: TVBDH3018–AH SH: TVBSH3018–AH 2' – 1 7/16" 2' – 1 15/16"	DH: Not Available SH: TVBSH3118–AH 2'–1 9/16" 2'–2 1/16"	DH: TVBDH3418–AH SH: TVBSH3418–AH 2' – 2 1/16" 2' – 2 9/16"	DH: TVBDH4018–AH SH: TVBSH4018–AH 2' – 3 7/16" 2' – 3 15/16"	DH: TVBDH5018–AH SH: TVBSH5018–AH 2' – 5 7/16" 2' – 5 15/16"	DH: TVBDH6018–AH SH: TVBSH6018–AH 2' – 7 7/16" 2' – 7 15/16"



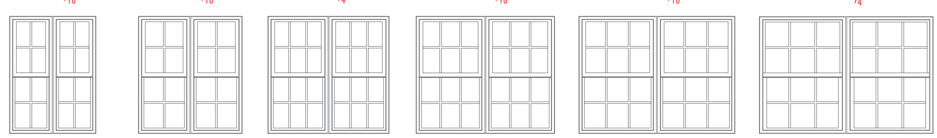
Optional Renaissance Grille Pattern
Twin Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

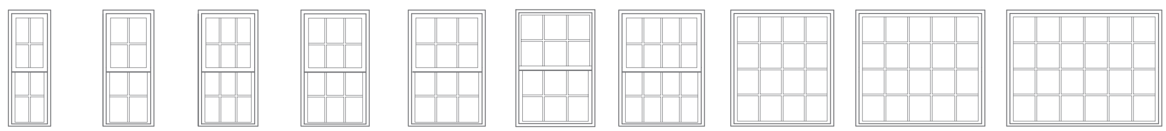
Unit Dimension	3' – 3 ½"	3' – 11 ½"	4' – 7 ½"	5' – 3 ½"	5' – 11 ½"	6'–1 ½"
Rough Opening	3' – 4"	4' – 0"	4' – 8"	5' – 4"	6' – 0"	6'–2"
Call Size	1 – 8 Twin	2 – 0 Twin	2 – 4 Twin	2 – 8 Twin	3 – 0 Twin	3–1 Twin
0 – 6	DH: TVBDH1806–2AH SH: TVBSH1806–2AH 1' – 0 9/16" 1' – 1 1/16"	DH: TVBDH2006–2AH SH: TVBSH2006–2AH 1' – 1 15/16" 1' – 2 7/16"	DH: TVBDH2406–2AH SH: TVBSH2406–2AH 1' – 3 1/4" 1' – 3 3/4"	DH: TVBDH2806–2AH SH: TVBSH2806–2AH 1' – 4 9/16" 1' – 5 1/16"	DH: TVBDH3006–2AH SH: TVBSH3006–2AH 1' – 5 15/16" 1' – 6 7/16"	DH: Not Available SH: TVBSH3106-2AH 1'–6 1/4" 1'–6 3/4"
1 – 0	DH: TVBDH1810–2AH SH: TVBSH1810–2AH 1' – 6 1/16" 1' – 6 9/16"	DH: TVBDH2010–2AH SH: TVBSH2010–2AH 1' – 7 7/16" 1' – 7 15/16"	DH: TVBDH2410–2AH SH: TVBSH2410–2AH 1' – 8 3/4" 1' – 9 1/4"	DH: TVBDH2810–2AH SH: TVBSH2810–2AH 1' – 10 1/16" 1' – 10 9/16"	DH: TVBDH3010–2AH SH: TVBSH3010–2AH 1' – 11 7/16" 1' – 11 15/16"	DH: Not Available SH: TVBSH3110-2AH 1'–11 3/4" 2'–0 1/4"
1 – 4	DH: TVBDH1814–2AH SH: TVBSH1814–2AH 1' – 10 1/16" 1' – 10 9/16"	DH: TVBDH2014–2AH SH: TVBSH2014–2AH 1' – 11 7/16" 1' – 11 15/16"	DH: TVBDH2414–2AH SH: TVBSH2414–2AH 2' – 0 3/4" 2' –1 1/4"	DH: TVBDH2814–2AH SH: TVBSH2814–2AH 2' – 2 1/16" 2' – 2 9/16"	DH: TVBDH3014–2AH SH: TVBSH3014–2AH 2' – 3 7/16" 2' – 3 15/16"	DH: Not Available SH: TVBSH3114-2AH 2'–3 3/4" 2'–4 1/4"
1–6	DH: TVBDH2416–2AH SH: Not Available 2'–0 1/16" 2'–0 9/16"	DH: TVBDH2016–2AH SH: Not Available 2'–1 7/16" 2'–1 15/16"	DH: TVBDH2416–2AH SH: Not Available 2'–2 3/4" 2' –3 1/4"	DH: TVBDH2816–2AH SH: Not Available 2'–4 1/16" 2'–4 9/16"	DH: TVBDH3016–2AH SH: Not Available 2'–5 7/16" 2'–5 15/16"	
1 – 8	DH: TVBDH1818–2AH SH: TVBSH1818–2AH 2' – 2 1/16" 2' – 2 9/16"	DH: TVBDH2018–2AH SH: TVBSH2018–2AH 2' – 3 7/16" 2' – 3 15/16"	DH: TVBDH2418–2AH SH: TVBSH2418–2AH 2' – 4 3/4" 2' –5 1/4"	DH: TVBDH2818–2AH SH: TVBSH2818–2AH 2' – 6 1/16" 2' – 6 9/16"	DH: TVBDH3018–2AH SH: TVBSH3018–2AH 2' – 7 7/16" 2' – 7 15/16"	DH: Not Available SH: TVBSH3118-2AH 2'–7 3/4" 2'–8 1/4"



Single & Double Hung – Transom Units

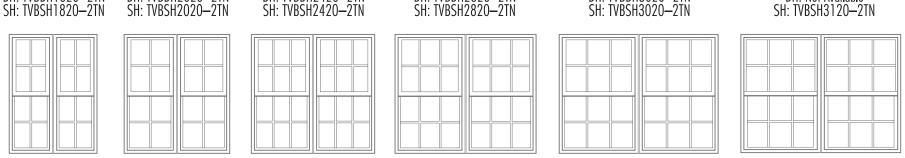
Single Widths

Heights: Unit Dimension	Rough Opening	Call Size	1-8 (1'-7 ½" / 1'-8")	2-0 (1'-11 ½" / 2'-0")	2-4 (2'-3 ½" / 2'-4")	2-8 (2'-7 ½" / 2'-8")	3-0 (2'-11 ½" / 3'-0")	3-1 (3'-0 ½" / 3'-1")	3-4 (3'-3 ½" / 3'-4")	4-0 (3'-11 ½" / 4'-0")	5-0 (4'-11 ½" / 5'-0")	6-0 (5'-11 ½" / 6'-0")
11 ½"	1'-0"	1-0	DH: TVBDH1810TN SH: Not Available	DH: TVBDH2010TN SH: Not Available	DH: TVBDH2410TN SH: Not Available	DH: TVBDH2810TN SH: Not Available	DH: TVBDH3010TN SH: Not Available		DH: TVBDH3410TN SH: Not Available	DH: TVBDH4010TN SH: Not Available	DH: TVBDH5010TN SH: Not Available	DH: TVBDH6010TN SH: Not Available
1'-1 ½"	1'-2"	1-2	DH: TVBDH1812TN SH: TVBSH1812TN	DH: TVBDH2012TN SH: TVBSH2012TN	DH: TVBDH2412TN SH: TVBSH2412TN	DH: TVBDH2812TN SH: TVBSH2812TN	DH: TVBDH3012TN SH: TVBSH3012TN	DH: Not Available SH: TVBSH3112TN	DH: TVBDH3412TN SH: TVBSH3412TN	DH: TVBDH4012TN SH: TVBSH4012TN	DH: TVBDH5012TN SH: TVBSH5012TN	DH: TVBDH6012TN SH: TVBSH6012TN
1'-3 ½"	1'-4"	1-4	DH: TVBDH1814TN SH: TVBSH1814TN	DH: TVBDH2014TN SH: TVBSH2014TN	DH: TVBDH2414TN SH: TVBSH2414TN	DH: TVBDH2814TN SH: TVBSH2814TN	DH: TVBDH3014TN SH: TVBSH3014TN	DH: Not Available SH: TVBSH3114TN	DH: TVBDH3414TN SH: TVBSH3414TN	DH: TVBDH4014TN SH: TVBSH4014TN	DH: TVBDH5014TN SH: TVBSH5014TN	DH: TVBDH6014TN SH: TVBSH6014TN
1'-5 ½"	1'-6"	1-6	DH: TVBDH1816TN SH: Not Available	DH: TVBDH2016TN SH: Not Available	DH: TVBDH2416TN SH: Not Available	DH: TVBDH2816TN SH: Not Available	DH: TVBDH3016TN SH: Not Available		DH: TVBDH3416TN SH: Not Available	DH: TVBDH4016TN SH: Not Available	DH: TVBDH5016TN SH: Not Available	DH: TVBDH6016TN SH: Not Available
1'-7 ½"	1'-8"	1-8	DH: TVBDH1818TN SH: TVBSH1818TN	DH: TVBDH2018TN SH: TVBSH2018TN	DH: TVBDH2418TN SH: TVBSH2418TN	DH: TVBDH2818TN SH: TVBSH2818TN	DH: TVBDH3018TN SH: TVBSH3018TN	DH: Not Available SH: TVBSH3118TN	DH: TVBDH3418TN SH: TVBSH3418TN	DH: TVBDH4018TN SH: TVBSH4018TN	DH: TVBDH5018TN SH: TVBSH5018TN	DH: TVBDH6018TN SH: TVBSH6018TN
1'-11 ½"	2'-0"	2-0	DH: TVBDH1820TN SH: TVBSH1820TN	DH: TVBDH2020TN SH: TVBSH2020TN	DH: TVBDH2420TN SH: TVBSH2420TN	DH: TVBDH2820TN SH: TVBSH2820TN	DH: TVBDH3020TN SH: TVBSH3020TN	DH: Not Available SH: TVBSH3120TN	DH: TVBDH3420TN SH: TVBSH3420TN	DH: TVBDH4020TN SH: TVBSH4020TN	DH: TVBDH5020TN SH: TVBSH5020TN	DH: TVBDH6020TN SH: TVBSH6020TN

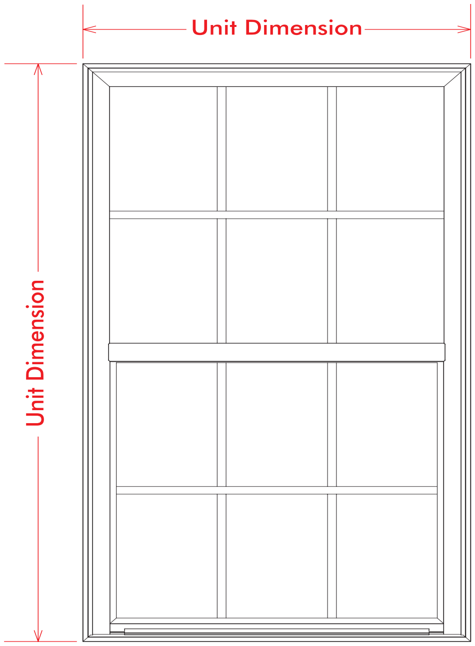


Twin Widths

Heights: Unit Dimension	Rough Opening	Call Size	1-8 Twin (3'-3 ½" / 3'-4")	2-0 Twin (3'-11 ½" / 4'-0")	2-4 Twin (4'-7 ½" / 4'-8")	2-8 Twin (5'-3 ½" / 5'-4")	3-0 Twin (5'-11 ½" / 6'-0")	3-1 Twin (6'-1 ½" / 6'-2")
11 ½"	1'-0"	1-0	DH: TVBDH1810-2TN SH: Not Available	DH: TVBDH2010-2TN SH: Not Available	DH: TVBDH2410-2TN SH: Not Available	DH: TVBDH2810-2TN SH: Not Available	DH: TVBDH3010-2TN SH: Not Available	
1'-1 ½"	1'-2"	1-2	DH: TVBDH1812-2TN SH: TVBSH1812-2TN	DH: TVBDH2012-2TN SH: TVBSH2012-2TN	DH: TVBDH2412-2TN SH: TVBSH2412-2TN	DH: TVBDH2812-2TN SH: TVBSH2812-2TN	DH: TVBDH3012-2TN SH: TVBSH3012-2TN	DH: Not Available SH: TVBSH3112-2TN
1'-3 ½"	1'-4"	1-4	DH: TVBDH1814-2TN SH: TVBSH1814-2TN	DH: TVBDH2014-2TN SH: TVBSH2014-2TN	DH: TVBDH2414-2TN SH: TVBSH2414-2TN	DH: TVBDH2814-2TN SH: TVBSH2814-2TN	DH: TVBDH3014-2TN SH: TVBSH3014-2TN	DH: Not Available SH: TVBSH3114-2TN
1'-5 ½"	1'-6"	1-6	DH: TVBDH1816-2TN SH: Not Available	DH: TVBDH2016-2TN SH: Not Available	DH: TVBDH2416-2TN SH: Not Available	DH: TVBDH2816-2TN SH: Not Available	DH: TVBDH3016-2TN SH: Not Available	
1'-7 ½"	1'-8"	1-8	DH: TVBDH1818-2TN SH: TVBSH1818-2TN	DH: TVBDH2018-2TN SH: TVBSH2018-2TN	DH: TVBDH2418-2TN SH: TVBSH2418-2TN	DH: TVBDH2818-2TN SH: TVBSH2818-2TN	DH: TVBDH3018-2TN SH: TVBSH3018-2TN	DH: Not Available SH: TVBSH3118-2TN
1'-11 ½"	2'-0"	2-0	DH: TVBDH1820-2TN SH: TVBSH1820-2TN	DH: TVBDH2020-2TN SH: TVBSH2020-2TN	DH: TVBDH2420-2TN SH: TVBSH2420-2TN	DH: TVBDH2820-2TN SH: TVBSH2820-2TN	DH: TVBDH3020-2TN SH: TVBSH3020-2TN	DH: Not Available SH: TVBSH3120-2TN



Single & Double Hung – Actual Unit Dimensions



Formula for determining unit dimension on multiple units.

1) Add actual unit dimensions together.
2) Add ½" for each mull.

Operating Units, WIDTH

CALL SIZE (WIDTH)	1-8	2-0	2-4	2-8	3-0	3-1	3-4
SINGLE	19½	23½	27½	31½	35½	36½	39½
TWIN*	39½	47½	55½	63½	71½	73½	79½
TRIPLE*	59½	71½	83½	95½	107½	110½	119½

* Mulls included in dimension

Fixed Units, WIDTH

CALL SIZE (WIDTH)	1-0	1-2	1-4	1-8	2-0	2-4	2-8
SINGLE	11½	13½	15½	19½	23½	27½	31½
TWIN*	23½	27½	31½	39½	47½	55½	63½
TRIPLE*	35½	41½	47½	59½	71½	83½	95½

* Mulls included in dimension

Fixed Units, WIDTH

CALL SIZE (WIDTH)	3-0	3-1	3-4	4-0	5-0	6-0
SINGLE	35½	36½	39½	47½	59½	71½
TWIN*	71½	73½	79½	95½	119½	N/A
TRIPLE*	107½	110½	119½	N/A	N/A	N/A

* Mulls included in dimension

Operating & Fixed Units, HEIGHT

CALL SIZE (HEIGHT)	HEIGHT IN INCHES
3-0	35½
3-2	37½
3-8	43½
3-10	45½
4-0	47½
4-4	51½
4-6	53½
5-0	59½
5-2	61½
5-6C	65½
5-6E	65½
6-0	71½
6-2	73½

Transom Units, HEIGHT

CALL SIZE (HEIGHT)	HEIGHT IN INCHES
1-0	11½
1-2	13½
1-4	15½
1-6	17½
1-8	19½
2-0	23 ½

Single Hung – Net Clear & Daylight Opening Dimensions

Operating Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBSH18 30	14.625	13.813	1.40	2.6
32	14.625	14.813	1.50	2.8
38	14.625	17.813	1.81	3.4
310	14.625	18.813	1.91	3.6
40	14.625	19.813	2.01	3.8
44	14.625	21.813	2.22	4.1
46	14.625	22.813	2.32	4.3
50	14.625	25.813	2.62	4.9
52	14.625	26.813	2.72	5.1
56E	14.625	28.813	2.93	5.4
56C	14.625	22.813	2.32	6.5
60	14.625	31.813	3.23	6.0
62	14.625	32.813	3.33	6.2
TVBSH20 30	18.625	13.813	1.79	3.4
32	18.625	14.813	1.92	3.7
38	18.625	17.813	2.30	4.4
310	18.625	18.813	2.43	4.6
40	18.625	19.813	2.56	4.9
44	18.625	21.813	2.82	5.4
46	18.625	22.813	2.95	5.6
50	18.625	25.813	3.34	6.3
52	18.625	26.813	3.47	6.6
56E	18.625	28.813	3.73	7.0
56C	18.625	22.813	2.95	8.5
60	18.625	31.813	4.11	7.8
62	18.625	32.813	4.24	8.0
TVBSH24 30	22.625	13.813	2.17	4.2
32	22.625	14.813	2.33	4.5
38	22.625	17.813	2.80	5.4
310	22.625	18.813	2.96	5.7
40	22.625	19.813	3.11	6.0
44	22.625	21.813	3.43	6.6
46	22.625	22.813	3.58	6.9
50	22.625	25.813	4.06	7.8
52	22.625	26.813	4.21	8.1
56E	22.625	28.813	4.53	8.7
56C	22.625	22.813	3.58	10.4
60	22.625	31.813	5.00	9.6
62	22.625	32.813	5.16	9.9
TVBSH28 30	26.625	13.813	2.55	5.0
32	26.625	14.813	2.74	5.4
38	26.625	17.813	3.29	6.4
310	26.625	18.813	3.48	6.8
40	26.625	19.813	3.66	7.1
44	26.625	21.813	4.03	7.8
46	26.625	22.813	4.22	8.2
50	26.625	25.813	4.77	9.2
52	26.625	26.813	4.96	9.6
56E	26.625	28.813	5.33	10.3
56C	26.625	22.813	4.22	12.4
60	26.625	31.813	5.88	11.3
62	26.625	32.813	6.07	11.7

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBSH30 30	30.625	13.813	2.94	5.8
32	30.625	14.813	3.15	6.2
38	30.625	17.813	3.79	7.4
310	30.625	18.813	4.00	7.8
40	30.625	19.813	4.21	8.2
44	30.625	21.813	4.64	9.1
46	30.625	22.813	4.85	9.5
50	30.625	25.813	5.49	10.7
52	30.625	26.813	5.70	11.1
56E	30.625	28.813	6.13	11.9
56C	30.625	22.813	4.85	14.4
60	30.625	31.813	6.77	13.1
62	30.625	32.813	6.98	13.5
TVBSH31 30	31.625	13.813	3.03	6.0
32	31.625	14.813	3.25	6.4
38	31.625	17.813	3.91	7.7
310	31.625	18.813	4.13	8.1
40	31.625	19.813	4.35	8.5
44	31.625	21.813	4.79	9.4
46	31.625	22.813	5.01	9.8
50	31.625	25.953	5.70	11.0
52	31.625	26.813	5.89	11.5
56E	31.625	28.813	6.33	12.3
56C	31.625	22.813	5.01	14.8
60	31.625	31.813	6.99	13.6
62	31.625	32.813	7.21	14.0
TVBSH34 30	34.625	13.813	3.32	6.6
32	34.625	14.813	3.56	7.0
38	34.625	17.813	4.28	8.4
310	34.625	18.813	4.52	8.9
40	34.625	19.813	4.76	9.4
44	34.625	21.813	5.24	10.3
46	34.625	22.813	5.49	10.7
50	34.625	25.813	6.21	12.1
52	34.625	26.813	6.45	12.6
56E	34.625	28.813	6.93	13.5
56C	34.625	22.813	5.49	16.3
60	34.625	31.813	7.65	14.9
62	34.625	32.813	7.89	15.4

NOTE: Units listed in **green** satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Fixed Units

Call Size	Daylight Opening S.F.	Call Size	Daylight Opening S.F.	Call Size	Daylight Opening S.F.	Call Size	Daylight Opening S.F.
TVBSH10 30P	1.4	TVBSH20 30P	4.0	TVBSH30 30P	6.5	TVBSH40 30P	9.1
32	1.5	32	4.2	32	6.9	32	9.7
38	1.8	38	5.0	38	8.2	38	11.4
310	1.9	310	5.3	310	8.6	310	12.0
40	2.0	40	5.5	40	9.1	40	12.6
44	2.1	44	6.0	44	9.9	44	13.8
46	2.2	46	6.3	46	10.3	46	14.4
50	2.5	50	7.1	50	11.6	50	16.2
52	2.6	52	7.3	52	12.0	52	16.8
56	2.8	56	7.8	56	12.9	56	17.9
60	3.1	60	8.6	60	14.2	60	19.7
62	3.2	62	8.9	62	14.6	62	20.3
TVBSH12 30P	1.8	TVBSH24 30P	4.8	TVBSH31 30P	6.7	TVBSH50 30P	11.6
32	2.0	32	5.1	32	7.2	32	12.4
38	2.3	38	6.1	38	8.5	38	14.7
310	2.4	310	6.4	310	8.9	310	15.4
40	2.6	40	6.7	40	9.4	40	16.2
44	2.8	44	7.3	44	10.2	44	17.7
46	2.9	46	7.6	46	10.7	46	18.4
50	3.3	50	8.6	50	12.0	50	20.7
52	3.4	52	8.9	52	12.4	52	21.5
56	3.6	56	9.5	56	13.3	56	23.0
60	4.0	60	10.5	60	14.6	60	25.3
62	4.1	62	10.8	62	15.1	62	26.0
TVBSH14 30P	2.3	TVBSH28 30P	5.7	TVBSH34 30P	7.4	TVBSH60 30P	14.2
32	2.4	32	6.0	32	7.8	32	15.1
38	2.8	38	7.1	38	9.3	38	17.9
310	3.0	310	7.5	310	9.8	310	18.8
40	3.1	40	7.9	40	10.2	40	19.7
44	3.4	44	8.6	44	11.2	44	21.6
46	3.6	46	9.0	46	11.7	46	22.5
50	4.0	50	10.1	50	13.1	50	25.3
52	4.2	52	10.5	52	13.6	52	26.2
56	4.5	56	11.2	56	14.6	56	28.0
60	4.9	60	12.3	60	16.0	60	30.8
62	5.1	62	12.7	62	16.5	62	31.8
TVBSH18 30P	3.1						
32	3.3						
38	3.9						
310	4.1						
40	4.3						
44	4.7						
46	4.9						
50	5.5						
52	5.8						
56	6.2						
60	6.8						
62	7.0						

Single Hung – Net Clear & Daylight Opening Dimensions

Operating True Radius Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBSH2030	18.625	13.813	1.79	5.8
32	18.625	14.813	1.92	6.1
38	18.625	17.813	2.30	6.8
310	18.625	18.813	2.43	7.1
40	18.625	19.813	2.56	7.3
44	18.625	21.813	2.82	7.8
46	18.625	22.813	2.95	8.1
50	18.625	25.813	3.34	8.8
52	18.625	26.813	3.47	9.1
56E	18.625	28.813	3.73	9.6
60	18.625	31.813	4.11	10.3
TVBSH2430	22.625	13.813	2.17	7.4
32	22.625	14.813	2.33	7.7
38	22.625	17.813	2.80	8.6
310	22.625	18.813	2.96	8.9
40	22.625	19.813	3.11	9.2
44	22.625	21.813	3.43	9.8
46	22.625	22.813	3.58	10.1
50	22.625	25.813	4.06	11.1
52	22.625	26.813	4.21	11.4
56E	22.625	28.813	4.53	12.0
TVBSH2830	26.625	13.813	2.55	9.1
32	26.625	14.813	2.74	9.5
38	26.625	17.813	3.29	10.5
310	26.625	18.813	3.48	10.9
40	26.625	19.813	3.66	11.3
44	26.625	21.813	4.03	12.0
46	26.625	22.813	4.22	12.3
50	26.625	25.813	4.77	13.4
52	26.625	26.813	4.96	13.8
56E	26.625	28.813	5.33	14.5

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBSH3030	30.625	13.813	2.94	10.9
32	30.625	14.813	3.15	11.3
38	30.625	17.813	3.79	12.6
310	30.625	18.813	4.00	13.0
40	30.625	19.813	4.21	13.4
44	30.625	21.813	4.64	14.2
46	30.625	22.813	4.85	14.7
50	30.625	25.813	5.49	15.9
52	30.625	26.813	5.70	16.3
56E	30.625	28.813	6.13	17.2
TVBSH3130	31.625	13.813	3.03	11.4
32	31.625	14.813	3.25	11.8
38	31.625	17.813	3.91	13.1
310	31.625	18.813	4.13	13.5
40	31.625	19.813	4.35	14.0
44	31.625	21.813	4.79	14.8
46	31.625	22.813	5.01	15.3
50	31.625	25.953	5.70	10.9
52	31.625	26.813	5.89	17.0
56E	31.625	28.813	6.33	17.8
TVBSH3430	34.625	13.813	3.32	12.8
32	34.625	14.813	3.56	13.3
38	34.625	17.813	4.28	14.7
310	34.625	18.813	4.52	15.2
40	34.625	19.813	4.76	15.7
44	34.625	21.813	5.24	16.6
46	34.625	22.813	5.49	17.1
50	34.625	25.813	6.21	18.5
52	34.625	26.813	6.45	19.0

NOTE: Units listed in **green** satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Operating Arch Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBSH2030	18.625	13.813	1.79	4.1
32	18.625	14.813	1.92	4.3
38	18.625	17.813	2.30	5.1
310	18.625	18.813	2.43	5.3
40	18.625	19.813	2.56	5.6
44	18.625	21.813	2.82	6.1
46	18.625	22.813	2.95	6.3
50	18.625	25.813	3.34	7.1
52	18.625	26.813	3.47	7.3
56E	18.625	28.813	3.73	7.8
60	18.625	31.813	4.11	8.6
62	18.625	32.813	4.24	8.8
TVBSH2430	22.625	13.813	2.17	5.1
32	22.625	14.813	2.33	5.4
38	22.625	17.813	2.80	6.3
310	22.625	18.813	2.96	6.6
40	22.625	19.813	3.11	6.9
44	22.625	21.813	3.43	7.5
46	22.625	22.813	3.58	7.8
50	22.625	25.813	4.06	8.7
52	22.625	26.813	4.21	9.0
56E	22.625	28.813	4.53	9.6
60	22.625	31.813	5.00	10.6
62	22.625	32.813	5.16	10.9
TVBSH2830	26.625	13.813	2.55	6.1
32	26.625	14.813	2.74	6.5
38	26.625	17.813	3.29	7.5
310	26.625	18.813	3.48	7.9
40	26.625	19.813	3.66	8.3
44	26.625	21.813	4.03	9.0
46	26.625	22.813	4.22	9.3
50	26.625	25.813	4.77	10.4
52	26.625	26.813	4.96	10.8
56E	26.625	28.813	5.33	11.5
60	26.625	31.813	5.88	12.6
62	26.625	32.813	6.07	13.0
TVBSH3030	30.625	13.813	2.94	7.2
32	30.625	14.813	3.15	7.6
38	30.625	17.813	3.79	8.8
310	30.625	18.813	4.00	9.3
40	30.625	19.813	4.21	9.7
44	30.625	21.813	4.64	10.5
46	30.625	22.813	4.85	10.9
50	30.625	25.813	5.49	12.2
52	30.625	26.813	5.70	12.6
56E	30.625	28.813	6.13	13.4
60	30.625	31.813	6.77	14.7
62	30.625	32.813	6.98	15.1
TVBSH3130	31.625	13.813	3.03	7.4
32	31.625	14.813	3.25	7.9
38	31.625	17.813	3.91	9.2
310	31.625	18.813	4.13	9.6
40	31.625	19.813	4.35	10.0
44	31.625	21.813	4.79	10.9
46	31.625	22.813	5.01	11.3
50	31.625	25.953	5.70	10.9
52	31.625	26.813	5.89	13.0
56E	31.625	28.813	6.33	13.9
60	31.625	31.813	6.99	15.2
62	31.625	32.813	7.21	15.6
TVBSH3430	34.625	13.813	3.32	8.3
32	34.625	14.813	3.56	8.7
38	34.625	17.813	4.28	10.6
310	34.625	18.813	4.52	10.6
40	34.625	19.813	4.76	11.1
44	34.625	21.813	5.24	12.1
46	34.625	22.813	5.49	12.5
50	34.625	25.813	6.21	13.9
52	34.625	26.813	6.45	14.4
56E	34.625	28.813	6.93	15.4
60	34.625	31.813	7.65	16.8
62	34.625	32.813	7.89	17.2

NOTE: Units listed in **green** satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Operating Uneven Leg Arch Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBSH2030	18.625	13.813	1.79	4.6
32	18.625	14.813	1.92	4.8
38	18.625	17.813	2.30	5.6
310	18.625	18.813	2.43	5.8
40	18.625	19.813	2.56	6.1
44	18.625	21.813	2.82	6.6
46	18.625	22.813	2.95	6.8
50	18.625	25.813	3.34	7.6
52	18.625	26.813	3.47	7.8
56E	18.625	28.813	3.73	8.3
60	18.625	31.813	4.11	9.1
62	18.625	32.813	4.24	9.3
TVBSH2430	22.625	13.813	2.17	5.8
32	22.625	14.813	2.33	6.1
38	22.625	17.813	2.80	7.0
310	22.625	18.813	2.96	7.3
40	22.625	19.813	3.11	7.6
44	22.625	21.813	3.43	8.2
46	22.625	22.813	3.58	8.5
50	22.625	25.813	4.06	9.4
52	22.625	26.813	4.21	9.8
56E	22.625	28.813	4.53	10.4
60	22.625	31.813	5.00	11.3
62	22.625	32.813	5.16	11.6
TVBSH2830	26.625	13.813	2.55	7.1
32	26.625	14.813	2.74	7.4
38	26.625	17.813	3.29	8.5
310	26.625	18.813	3.48	8.9
40	26.625	19.813	3.66	9.2
44	26.625	21.813	4.03	10.0
46	26.625	22.813	4.22	10.3
50	26.625	25.813	4.77	11.4
52	26.625	26.813	4.96	11.8
56E	26.625	28.813	5.33	12.5
60	26.625	31.813	5.88	13.6

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBSH3030	30.625	13.813	2.94	8.4
32	30.625	14.813	3.15	8.9
38	30.625	17.813	3.79	10.1
310	30.625	18.813	4.00	10.5
40	30.625	19.813	4.21	10.9
44	30.625	21.813	4.64	11.8
46	30.625	22.813	4.85	12.2
50	30.625	25.813	5.49	13.4
52	30.625	26.813	5.70	13.9
56E	30.625	28.813	6.13	14.7
60	30.625	31.813	6.77	15.9
TVBSH3130	31.625	13.813	3.03	8.8
32	31.625	14.813	3.25	9.2
38	31.625	17.813	3.91	10.5
310	31.625	18.813	4.13	10.9
40	31.625	19.813	4.35	11.4
44	31.625	21.813	4.79	12.2
46	31.625	22.813	5.01	12.7
50	31.625	25.953	5.70	10.9
52	31.625	26.813	5.89	14.4
56E	31.625	28.813	6.33	15.2
60	31.625	31.813	6.99	16.5
TVBSH3430	34.625	13.813	3.32	9.9
32	34.625	14.813	3.56	10.3
38	34.625	17.813	4.28	11.8
310	34.625	18.813	4.52	12.2
40	34.625	19.813	4.76	12.7
44	34.625	21.813	5.24	13.6
46	34.625	22.813	5.49	14.1
50	34.625	25.813	6.21	15.5
52	34.625	26.813	6.45	16.0
56E	34.625	28.813	6.93	17.0

NOTE: Units listed in **green** satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Operating Extended Quarter Circle Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBSH2030	18.625	13.813	1.79	6.6
32	18.625	14.813	1.92	6.8
38	18.625	17.813	2.30	7.6
310	18.625	18.813	2.43	7.8
40	18.625	19.813	2.56	8.1
44	18.625	21.813	2.82	8.6
46	18.625	22.813	2.95	8.8
TVBSH2430	22.625	13.813	2.17	8.6
32	22.625	14.813	2.33	9.0
38	22.625	17.813	2.80	9.9
310	22.625	18.813	2.96	10.2
40	22.625	19.813	3.11	10.5
44	22.625	21.813	3.43	11.1
46	22.625	22.813	3.58	11.4
TVBSH2830	26.625	13.813	2.55	10.9
32	26.625	14.813	2.74	11.3
38	26.625	17.813	3.29	12.4
310	26.625	18.813	3.48	12.7
40	26.625	19.813	3.66	13.1
44	26.625	21.813	4.03	13.8

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBSH3030	30.625	13.813	2.94	13.4
32	30.625	14.813	3.15	13.9
38	30.625	17.813	3.79	15.1
310	30.625	18.813	4.00	15.5
40	30.625	19.813	4.21	15.9
TVBSH3130	31.625	13.813	3.03	14.1
32	31.625	14.813	3.25	14.5
38	31.625	17.813	3.91	15.8
310	31.625	18.813	4.13	16.3
40	31.625	19.813	4.35	16.7
TVBSH3430	34.625	13.813	3.32	16.2
32	34.625	14.813	3.56	16.7
38	34.625	17.813	4.28	18.1

Operating Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBDH1830	14.778	13.250	1.36	2.5
32	14.778	14.250	1.46	2.7
38	14.778	17.250	1.77	3.2
310	14.778	18.250	1.87	3.4
40	14.778	19.250	1.98	3.6
44	14.778	21.250	2.18	4.0
46	14.778	22.250	2.28	4.1
50	14.778	25.250	2.59	4.6
52	14.778	26.250	2.69	4.9
56E	14.778	28.250	2.90	5.2
56C	14.778	22.250	2.28	5.3
60	14.778	31.250	3.21	5.8
62	14.778	32.250	3.31	5.9
TVBDH2030	18.778	13.250	1.73	3.3
32	18.778	14.250	1.86	3.5
38	18.778	17.250	2.25	4.2
310	18.778	18.250	2.38	4.5
40	18.778	19.250	2.51	4.7
44	18.778	21.250	2.77	5.2
46	18.778	22.250	2.90	5.4
50	18.778	25.250	3.29	6.1
52	18.778	26.250	3.42	6.4
56E	18.778	28.250	3.68	6.8
56C	18.778	22.250	2.90	6.9
60	18.778	31.250	4.08	7.5
62	18.778	32.250	4.21	7.8
TVBDH2430	22.778	13.250	2.10	4.1
32	22.778	14.250	2.25	4.4
38	22.778	17.250	2.73	5.2
310	22.778	18.250	2.89	5.5
40	22.778	19.250	3.04	5.8
44	22.778	21.250	3.36	6.4
46	22.778	22.250	3.52	6.7
50	22.778	25.250	3.99	7.3
52	22.778	26.250	4.15	7.9
56E	22.778	28.250	4.47	8.4
56C	22.778	22.250	3.52	8.5
60	22.778	31.250	4.94	9.3
62	22.778	32.250	5.10	9.6

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
TVBDH2830	26.778	13.250	2.46	4.9
32	26.778	14.250	2.65	5.2
38	26.778	17.250	3.21	6.2
310	26.778	18.250	3.39	6.6
40	26.778	19.250	3.58	6.9
44	26.778	21.250	3.95	7.6
46	26.778	22.250	4.14	8.0
50	26.778	25.250	4.70	8.8
52	26.778	26.250	4.88	9.4
56E	26.778	28.250	5.25	10.1
56C	26.778	22.250	4.14	10.1
60	26.778	31.250	5.81	11.1
62	26.778	32.250	6.00	11.4
TVBDH3030	30.778	13.250	2.83	5.6
32	30.778	14.250	3.05	6.0
38	30.778	17.250	3.69	7.2
310	30.778	18.250	3.90	7.6
40	30.778	19.250	4.11	8.1
44	30.778	21.250	4.54	8.9
46	30.778	22.250	4.76	9.3
50	30.778	25.250	5.40	10.5
52	30.778	26.750	5.72	10.9
56E	30.778	28.250	6.04	11.7
56C	30.778	22.250	4.76	11.7
60	30.778	31.250	6.68	12.9
62	30.778	32.250	6.89	13.3
TVBDH3430	34.778	13.250	3.20	6.4
32	34.778	14.250	3.44	6.9
38	34.778	17.250	4.17	8.2
310	34.778	18.250	4.41	8.7
40	34.778	19.250	4.65	9.2
44	34.778	21.250	5.13	10.1
46	34.778	22.250	5.37	10.5
50	34.778	25.250	6.10	11.9
52	34.778	26.250	6.34	12.4
56E	34.778	28.250	6.82	13.3
56C	34.778	22.250	5.37	13.3
60	34.778	31.250	7.55	14.7
62	34.778	32.250	7.79	15.1

NOTE: Units listed in **green** satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Fixed Units

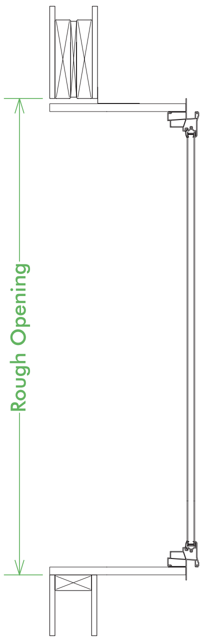
Call Size	Daylight Opening S.F.
TVBDH1030SL	1.7
32	1.8
38	2.1
310	2.2
40	2.3
44	2.5
46	2.7
50	3.0
52	3.1
56	3.3
60	3.6
62	3.7
TVBDH1230SL	2.1
32	2.3
38	2.7
310	2.8
40	2.9
44	3.2
46	3.3
50	3.7
52	3.9
56	4.1
60	4.6
62	4.7
TVBDH1430SL	2.6
32	2.7
38	3.2
310	3.4
40	3.5
44	3.9
46	4.0
50	4.5
52	4.7
56	5.0
60	5.5
62	5.7

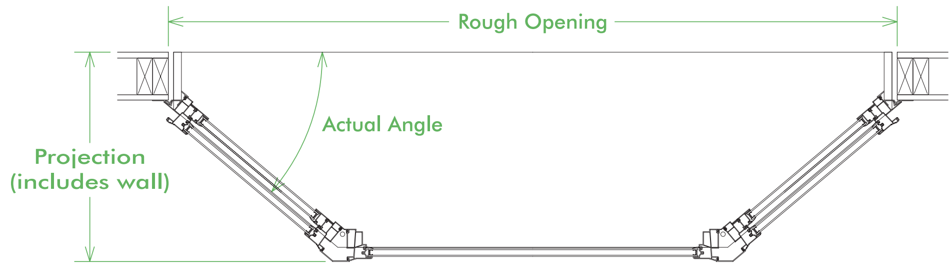
Call Size	Daylight Opening S.F.
TVBDH1830P	3.5
32	3.7
38	4.3
310	4.5
40	4.8
44	5.2
46	5.4
50	6.1
52	6.3
56	6.7
60	7.4
62	7.6
TVBDH2030P	4.3
32	4.6
38	5.4
310	5.7
40	6.0
44	6.5
46	6.8
50	7.6
52	7.9
56	8.4
60	9.3
62	9.5
TVBDH2430P	5.2
32	5.5
38	6.5
310	6.9
40	7.2
44	7.8
46	8.2
50	9.2
52	9.5
56	10.1
60	11.1
62	11.5

Call Size	Daylight Opening S.F.
TVBDH2830P	6.1
32	6.5
38	7.6
310	8.0
40	8.4
44	9.2
46	9.6
50	10.7
52	11.1
56	11.9
60	13.0
62	13.4
TVBDH3030P	7.0
32	7.3
38	8.7
310	9.2
40	9.6
44	10.5
46	10.9
50	12.3
52	12.7
56	13.6
60	14.9
62	15.3
TVBDH3430P	7.9
32	8.3
38	9.8
310	10.3
40	10.8
44	11.8
46	12.3
50	13.8
52	14.3
56	15.3
60	16.8
62	17.3

Call Size	Daylight Opening S.F.
TVBDH4030P	9.6
32	10.1
38	12.0
310	12.6
40	13.3
44	14.5
46	15.1
50	16.9
52	17.5
56	18.7
60	20.5
62	21.1
TVBDH5030P	12.3
32	12.9
38	15.3
310	16.1
40	16.9
44	18.4
46	19.2
50	21.5
52	22.3
56	23.9
60	26.2
62	26.9
TVBDH6030P	14.9
32	15.8
38	18.7
310	19.6
40	20.5
44	22.4
46	23.4
50	26.2
52	27.1
56	29.0
60	31.8
62	32.8

Single Hung – 30° & 45° Bay Window w/ Operating Flankers

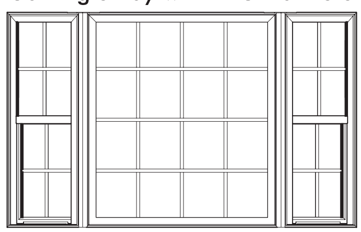




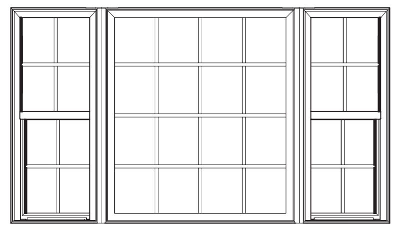
Call Size (Height)	Bay Unit (Height)	Inside Dimension (Height)	Rough Opening (Height)
3/0	37	35–1/2	37–1/2
3/2	39	37–1/2	39–1/2
3/8	45	43–1/2	45–1/2
3/10	47	45–1/2	47–1/2
4/0	49	47–1/2	49–1/2
4/4	53	51–1/2	53–1/2
4/6	55	53–1/2	55–1/2
5/0	61	59–1/2	61–1/2
5/2	63	61–1/2	63–1/2
5/6	67	65–1/2	67–1/2
6/0	73	71–1/2	73–1/2
6/2	75	73–1/2	75–1/2

Note: Projections include 4–9/16" wall.

30°Angle Bay with 1–8 Flankers

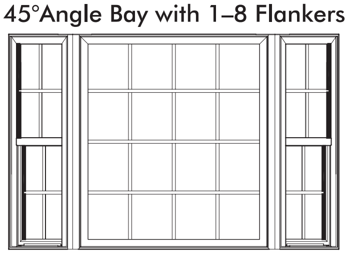


30°Angle Bay with 2–0 Flankers

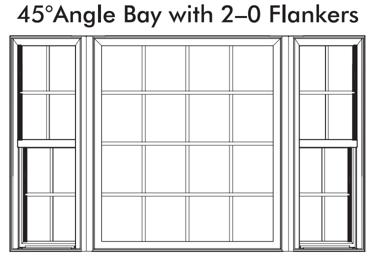


Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)	Actual Angle
TVBSH1830xx-30	78–3/8	76	14–1/4	75	22°
TVBSH1831xx-30	79–3/8	77	14–1/4	76	22°
TVBSH1840xx-30	90–3/8	88	14–1/4	87	22°
TVBSH1850xx-30	102–3/8	100	14–1/4	99	22°
TVBSH1860xx-30	114–3/8	112	14–1/4	111	22°
TVBSH2030xx-30	85–13/16	83–7/16	15–3/4	82–7/16	22°
TVBSH2031xx-30	86–13/16	84–7/16	15–3/4	83–7/16	22°
TVBSH2040xx-30	97–13/16	95–7/16	15–3/4	94–7/16	22°
TVBSH2050xx-30	109–13/16	107–7/16	15–3/4	106–7/16	22°
TVBSH2060xx-30	121–13/16	119–7/16	15–3/4	118–7/16	22°

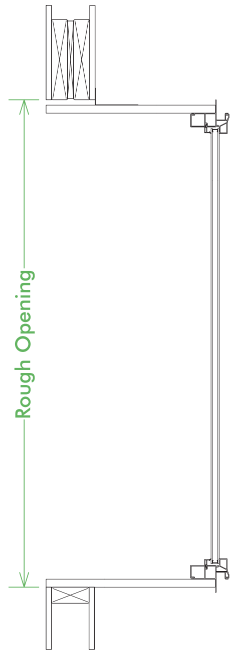
45°Angle Bay with 1–8 Flankers

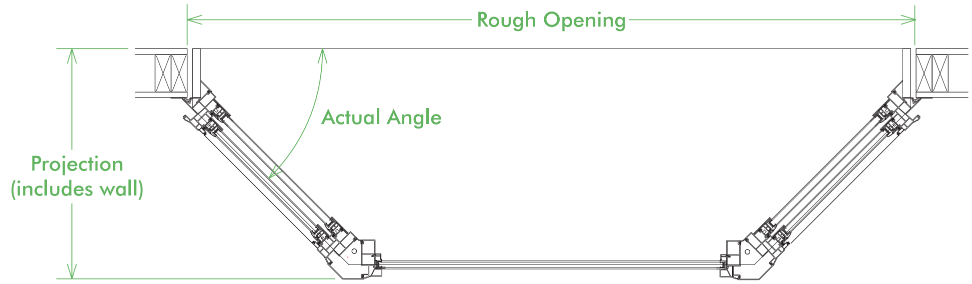


45°Angle Bay with 2–0 Flankers



Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)	Actual Angle
TVBSH1830xx-45	72–11/16	69–5/8	19–15/16	68–5/8	40°
TVBSH1831xx-45	73–11/16	70–5/8	19–15/16	69–5/8	40°
TVBSH1840xx-45	84–11/16	81–5/8	19–15/16	80–5/8	40°
TVBSH1850xx-45	96–11/16	93–5/8	19–15/16	92–5/8	40°
TVBSH1860xx-45	108–11/16	105–5/8	19–15/16	104–5/8	40°
TVBSH2030xx-45	78–13/16	75–3/4	22–1/2	74–3/4	40°
TVBSH2031xx-45	79–13/16	76–3/4	22–1/2	75–3/4	40°
TVBSH2040xx-45	90–13/16	87–3/4	22–1/2	86–3/4	40°
TVBSH2050xx-45	102–13/16	99–3/4	22–1/2	98–3/4	40°
TVBSH2060xx-45	114–13/16	111–3/4	22–1/2	110–3/4	40°

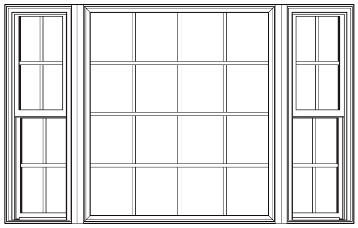




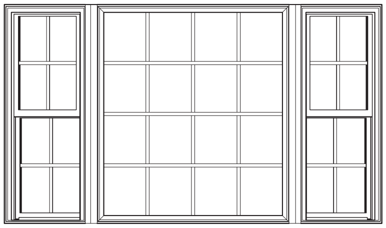
Call Size (Height)	Bay Unit (Height)	Inside Dimension (Height)	Rough Opening (Height)
3/0	37	35–1/2	37–1/2
3/2	39	37–1/2	39–1/2
3/8	45	43–1/2	45–1/2
3/10	47	45–1/2	47–1/2
4/0	49	47–1/2	49–1/2
4/4	53	51–1/2	53–1/2
4/6	55	53–1/2	55–1/2
5/0	61	59–1/2	61–1/2
5/2	63	61–1/2	63–1/2
5/6	67	65–1/2	67–1/2
6/0	73	71–1/2	73–1/2
6/2	75	73–1/2	75–1/2

Note: Projections include 4–9/16" wall.

30°Angle Bay with 1–8 Flankers

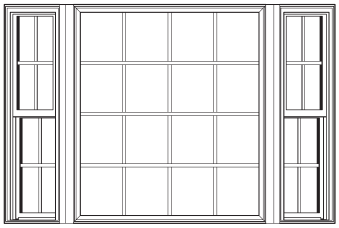


30°Angle Bay with 2–0 Flankers

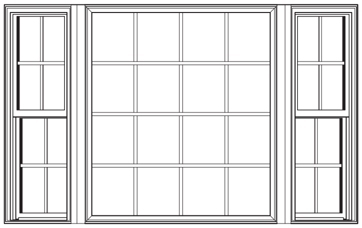


Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)	Actual Angle
TVBDH1830xx-30	76–1/4	74–1/16	17–1/4	73–1/16	31°
TVBDH1840xx-30	88–1/4	86–1/16	17–1/4	85–1/16	31°
TVBDH1850xx-30	100–1/4	98–1/16	17–1/4	97–1/16	31°
TVBDH1860xx-30	112–1/4	110–1/16	17–1/4	109–1/16	31°
TVBDH2030xx-30	83–1/8	80–15/16	19–5/16	79–15/16	31°
TVBDH2040xx-30	95–1/8	92–15/16	19–5/16	91–15/16	31°
TVBDH2050xx-30	107–1/8	104–15/16	19–5/16	103–15/16	31°
TVBDH2060xx-30	119–1/8	116–15/16	19–5/16	115–15/16	31°

45°Angle Bay with 1–8 Flankers



45°Angle Bay with 2–0 Flankers



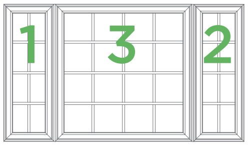
Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)	Actual Angle
TVBDH1830xx-45	71–1/8	68–1/16	21–1/2	67–1/16	45°
TVBDH1840xx-45	83–1/8	80–1/16	21–1/2	79–1/16	45°
TVBDH1850xx-45	95–1/8	92–1/16	21–1/2	91–1/16	45°
TVBDH1860xx-45	107–1/8	104–1/16	21–1/2	103–1/16	45°
TVBDH2030xx-45	76–3/4	73–11/16	24–3/8	72–11/16	45°
TVBDH2040xx-45	88–3/4	85–11/16	24–3/8	84–11/16	45°
TVBDH2050xx-45	100–3/4	97–11/16	24–3/8	96–11/16	45°
TVBDH2060xx-45	112–3/4	109–11/16	24–3/8	108–11/16	45°

Widths

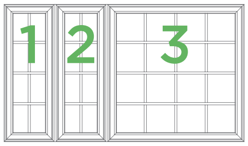
Heights: Unit Dimension	Rough Opening	Call Size	1'–5 ½" / 1'–6" / 1–6	2'–11 ½" / 3'–0" / 1–6 Twin	4'–5 ½" / 4'–6" / 1–6 Triple	5'–11 ½" / 6'–0" / 1–6 Quad
2'–11 ½"	3'–0"	3–0	CLCA1630	CLCA1630–2	CLCA1630–3	CLCA1630–4
3'–5 ½"	3'–6"	3–6	CLCA1636	CLCA1636–2	CLCA1636–3	CLCA1636–4
3'–11 ½"	4'–0"	4–0	CLCA1640	CLCA1640–2	CLCA1640–3	CLCA1640–4
4'–5 ½"	4'–6"	4–6	CLCA1646	CLCA1646–2	CLCA1646–3	CLCA1646–4
4'–11 ½"	5'–0"	5–0	CLCA1650	CLCA1650–2	CLCA1650–3	CLCA1650–4
5'–5 ½"	5'–6"	5–6	CLCA1656	CLCA1656–2	CLCA1656–3	CLCA1656–4
5'–11 ½"	6'–0"	6–0	CLCA1660	CLCA1660–2	CLCA1660–3	CLCA1660–4

Widths

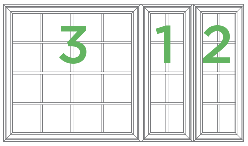
Heights: Unit Dimension	Rough Opening	Call Size	5'–11 ½" / 6'–0" / 1–6 Flankers with 3–0 Center	6'–11 ½" / 7'–0" / 1–6 Flankers with 4–0 Center	7'–11 ½" / 8'–0" / 1–6 Flankers with 5–0 Center	8'–11 ½" / 9'–0" / 1–6 Flankers with 6–0 Center
2'–11 ½"	3'–0"	3–0	CLCA1630/30	CLCA1640/30	CLCA1650/30	CLCA1660/30
3'–5 ½"	3'–6"	3–6	CLCA1630/36	CLCA1640/36	CLCA1650/36	CLCA1660/36
3'–11 ½"	4'–0"	4–0	CLCA1630/40	CLCA1640/40	CLCA1650/40	CLCA1660/40
4'–5 ½"	4'–6"	4–6	CLCA1630/46	CLCA1640/46	CLCA1650/46	CLCA1660/46
4'–11 ½"	5'–0"	5–0	CLCA1630/50	CLCA1640/50	CLCA1650/50	CLCA1660/50
5'–5 ½"	5'–6"	5–6	CLCA1630/56	CLCA1640/56	CLCA1650/56	CLCA1660/56
5'–11 ½"	6'–0"	6–0	CLCA1630/60	CLCA1640/60	CLCA1650/60	CLCA1660/60



STYLE 2VB
(Shown Above)



STYLE 2VL



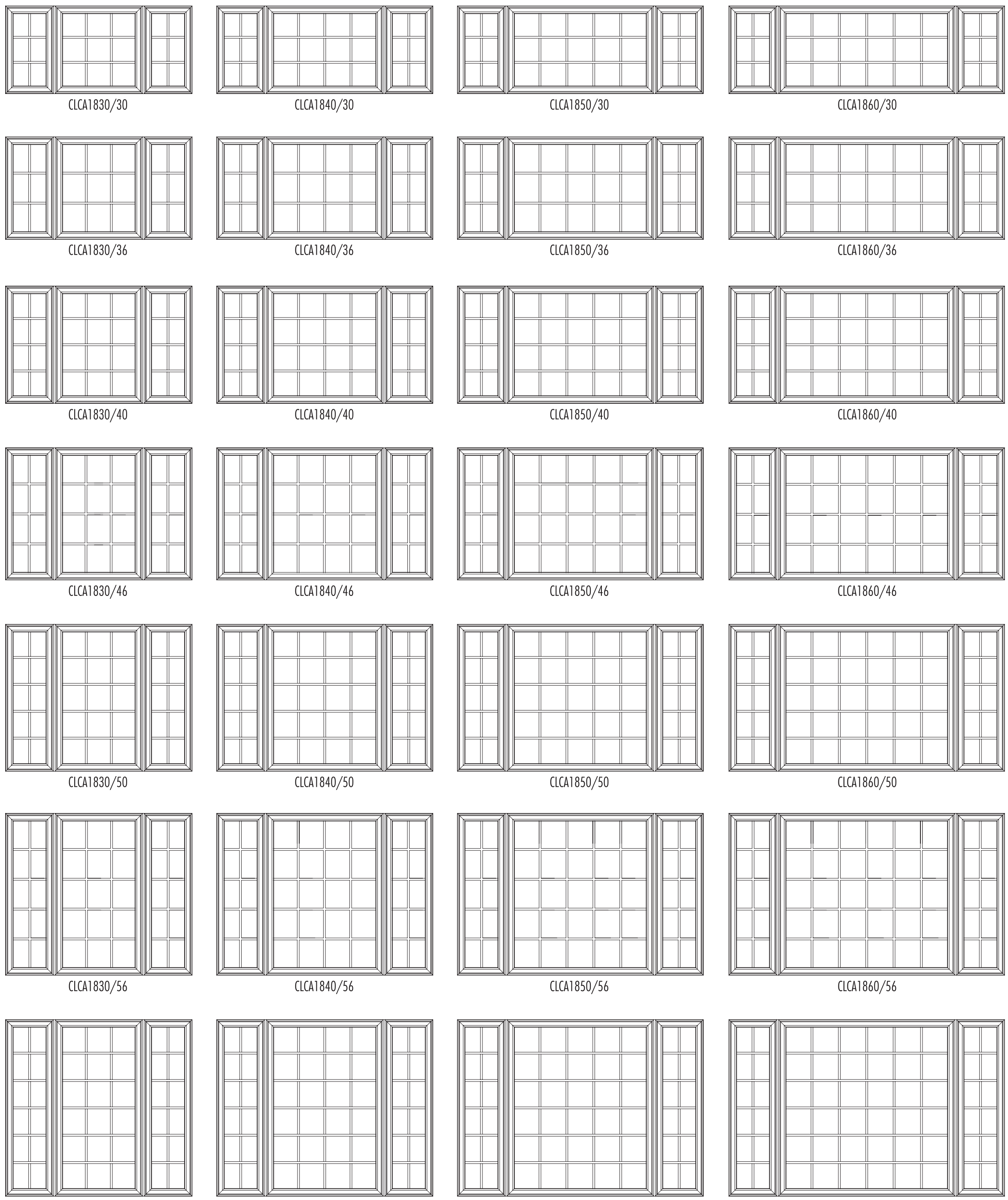
STYLE 2VR

Note: Viewed from exterior, Windows 1 and 2 are operating. Window 3 is Fixed

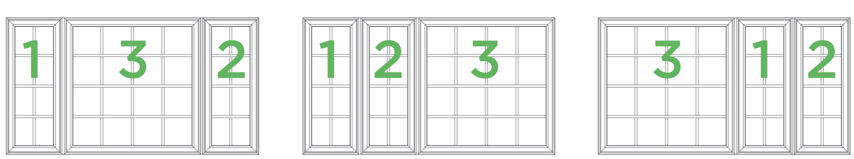
Widths

Heights: Unit Dimension	Rough Opening	Call Size	1'–7 ½" / 1'–8" / 1– 8	3'–3 ½" / 3'–4" / 1– 8 Twin	4'–11 ½" / 5'–0" / 1– 8 Triple	6'–7 ½" / 6'–8" / 1– 8 Quad
2'–11 ½"	3'–0"	3–0	CLCA1830	CLCA1830–2	CLCA1830–3	CLCA1830–4
3'–5 ½"	3'–6"	3–6	CLCA1836	CLCA1836–2	CLCA1836–3	CLCA1836–4
3'–11 ½"	4'–0"	4–0	CLCA1840	CLCA1840–2	CLCA1840–3	CLCA1840–4
4'–5 ½"	4'–6"	4–6	CLCA1846	CLCA1846–2	CLCA1846–3	CLCA1846–4
4'–11 ½"	5'–0"	5–0	CLCA1850	CLCA1850–2	CLCA1850–3	CLCA1850–4
5'–5 ½"	5'–6"	5–6	CLCA1856	CLCA1856–2	CLCA1856–3	CLCA1856–4
5'–11 ½"	6'–0"	6–0	CLCA1860	CLCA1860–2	CLCA1860–3	CLCA1860–4

Widths



Heights: Unit Dimension	Rough Opening	Call Size	Unit Dimension 6'–3 ½" Rough Opening 6'–4" 1–8 Flankers with 3–0 Center	Unit Dimension 7'–3 ½" Rough Opening 7'–4" 1–8 Flankers with 4–0 Center	Unit Dimension 8'–3 ½" Rough Opening 8'–4" 1–8 Flankers with 5–0 Center	Unit Dimension 9'–3 ½" Rough Opening 9'–4" 1–6 Flankers with 6–0 Center
2'–11 ½"	3'–0"	3–0	CLCA1830/30	CLCA1840/30	CLCA1850/30	CLCA1860/30
3'–5 ½"	3'–6"	3–6	CLCA1830/36	CLCA1840/36	CLCA1850/36	CLCA1860/36
3'–11 ½"	4'–0"	4–0	CLCA1830/40	CLCA1840/40	CLCA1850/40	CLCA1860/40
4'–5 ½"	4'–6"	4–6	CLCA1830/46	CLCA1840/46	CLCA1850/46	CLCA1860/46
4'–11 ½"	5'–0"	5–0	CLCA1830/50	CLCA1840/50	CLCA1850/50	CLCA1860/50
5'–5 ½"	5'–6"	5–6	CLCA1830/56	CLCA1840/56	CLCA1850/56	CLCA1860/56
5'–11 ½"	6'–0"	6–0	CLCA1830/60	CLCA1840/60	CLCA1850/60	CLCA1860/60



STYLE 2VB (Shown Above) STYLE 2VL STYLE 2VR

Note: Viewed from exterior, Windows 1 and 2 are operating. Window 3 is Fixed

Widths

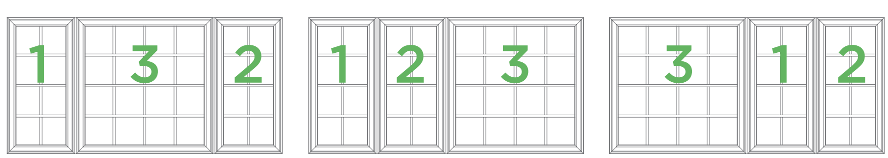
Heights

Heights: Unit Dimension	Rough Opening	Call Size	1'–11 ½" / 2'–0" / 2–0	3'–11 ½" / 4'–0" / 2–0 Twin	5'–11 ½" / 6'–0" / 2–0 Triple	7'–11 ½" / 8'–0" / 2–0 Quad
2'–11 ½"	3'–0"	3–0	CLCA2030	CLCA2030–2	CLCA2030–3	CLCA2030–4
3'–5 ½"	3'–6"	3–6	CLCA2036	CLCA2036–2	CLCA2036–3	CLCA2036–4
3'–11 ½"	4'–0"	4–0	CLCA2040	CLCA2040–2	CLCA2040–3	CLCA2040–4
4'–5 ½"	4'–6"	4–6	CLCA2046	CLCA2046–2	CLCA2046–3	CLCA2046–4
4'–11 ½"	5'–0"	5–0	CLCA2050	CLCA2050–2	CLCA2050–3	CLCA2050–4
5'–5 ½"	5'–6"	5–6	CLCA2056	CLCA2056–2	CLCA2056–3	CLCA2056–4
5'–11 ½"	6'–0"	6–0	CLCA2060	CLCA2060–2	CLCA2060–3	CLCA2060–4

Widths

Heights

Unit Dimension	Rough Opening	Call Size	6'–11 ½" / 7'–0" / 2–0 Flankers with 3–0 Center	7'–11 ½" / 8'–0" / 2–0 Flankers with 4–0 Center	8'–11 ½" / 9'–0" / 2–0 Flankers with 5–0 Center
2'–11 ½"	3'–0"	3–0	CLCA2030/30	CLCA2040/30	CLCA2050/30
3'–5 ½"	3'–6"	3–6	CLCA2030/36	CLCA2040/36	CLCA2050/36
3'–11 ½"	4'–0"	4–0	CLCA2030/40	CLCA2040/40	CLCA2050/40
4'–5 ½"	4'–6"	4–6	CLCA2030/46	CLCA2040/46	CLCA2050/46
4'–11 ½"	5'–0"	5–0	CLCA2030/50	CLCA2040/50	CLCA2050/50
5'–5 ½"	5'–6"	5–6	CLCA2030/56	CLCA2040/56	CLCA2050/56
5'–11 ½"	6'–0"	6–0	CLCA2030/60	CLCA2040/60	CLCA2050/60



STYLE 2VB (Shown Above) | STYLE 2VL | STYLE 2VR

Note: Viewed from exterior, Windows 1 and 2 are operating. Window 3 is Fixed

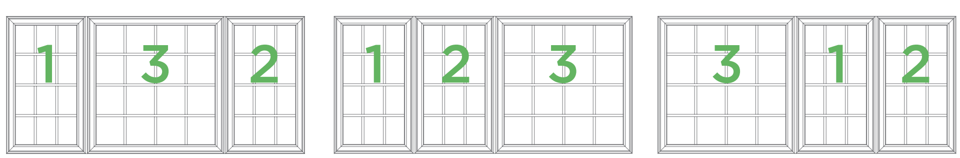
Widths

Heights: Unit Dimension	Heights: Rough Opening	Heights: Call Size	2'–3 ½" / 2'–4" / 2–4	4'–7 ½" / 4'–8" / 2–4 Twin	6'–11 ½" / 7'–0" / 2–4 Triple	9'–3 ½" / 9'–4" / 2–4 Quad
2'–11 ½"	3'–0"	3–0	CLCA2430	CLCA2430–2	CLCA2430–3	CLCA2430–4
3'–5 ½"	3'–6"	3–6	CLCA2436	CLCA2436–2	CLCA2436–3	CLCA2436–4
3'–11 ½"	4'–0"	4–0	CLCA2440	CLCA2440–2	CLCA2440–3	CLCA2440–4
4'–5 ½"	4'–6"	4–6	CLCA2446	CLCA2446–2	CLCA2446–3	CLCA2446–4
4'–11 ½"	5'–0"	5–0	CLCA2450	CLCA2450–2	CLCA2450–3	CLCA2450–4
5'–5 ½"	5'–6"	5–6	CLCA2456	CLCA2456–2	CLCA2456–3	CLCA2456–4
5'–11 ½"	6'–0"	6–0	CLCA2460	CLCA2460–2	CLCA2460–3	CLCA2460–4

NOTE:
Shaded units satisfy ICC egress requirements **when equipped with optional expanded opening arm (see page 59)**. Check with your local code official to confirm egress requirements in your area.

Widths

Heights: Unit Dimension	Rough Opening	Call Size	7'–7 ½" / 7'–8" / 2–4 Flankers with 3–0 Center	8'–7 ½" / 8'–8" / 2–4 Flankers with 4–0 Center	9'–7 ½" / 9'–8" / 2–4 Flankers with 5–0 Center
2'–11 ½"	3'–0"	3–0	CLCA2430/30	CLCA2440/30	CLCA2450/30
3'–5 ½"	3'–6"	3–6	CLCA2430/36	CLCA2440/36	CLCA2450/36
3'–11 ½"	4'–0"	4–0	CLCA2430/40	CLCA2440/40	CLCA2450/40
4'–5 ½"	4'–6"	4–6	CLCA2430/46	CLCA2440/46	CLCA2450/46
4'–11 ½"	5'–0"	5–0	CLCA2430/50	CLCA2440/50	CLCA2450/50
5'–5 ½"	5'–6"	5–6	CLCA2430/56	CLCA2440/56	CLCA2450/56
5'–11 ½"	6'–0"	6–0	CLCA2430/60	CLCA2440/60	CLCA2450/60



STYLE 2VB (Shown Above) | STYLE 2VL | STYLE 2VR

Note: Windows 1 and 2 are operating. Window 3 is Fixed

NOTE:
Shaded units satisfy ICC egress requirements **when equipped with optional expanded opening arm (see page 59).** Check with your local code official to confirm egress requirements in your area.

Widths

Heights: Unit Dimension	Rough Opening	Call Size			
Unit Dimension			2'–7 ½"	5'–3 ½"	7'–11 ½"
Rough Opening			2'–8"	5'–4"	8'–0"
Call Size			2–8	2–8 Twin	2–8 Triple
2'–11 ½"	3'–0"	3–0	CLCA2830	CLCA2830–2	CLCA2830–3
3'–5 ½"	3'–6"	3–6	CLCA2836 *	CLCA2836–2 *	CLCA2836–3 *
3'–11 ½"	4'–0"	4–0	CLCA2840	CLCA2840–2	CLCA2840–3
4'–5 ½"	4'–6"	4–6	CLCA2846	CLCA2846–2	CLCA2846–3
4'–11 ½"	5'–0"	5–0	CLCA2850	CLCA2850–2	CLCA2850–3
5'–5 ½"	5'–6"	5–6	CLCA2856	CLCA2856–2	CLCA2856–3
5'–11 ½"	6'–0"	6–0	CLCA2860	CLCA2860–2	CLCA2860–3

NOTE:
Shaded units satisfy ICC egress requirements **Sizes marked with an * must be equipped with optional expanded opening arm to satisfy egress (see page 59).** Check with your local code official to confirm egress requirements in your area.

Widths

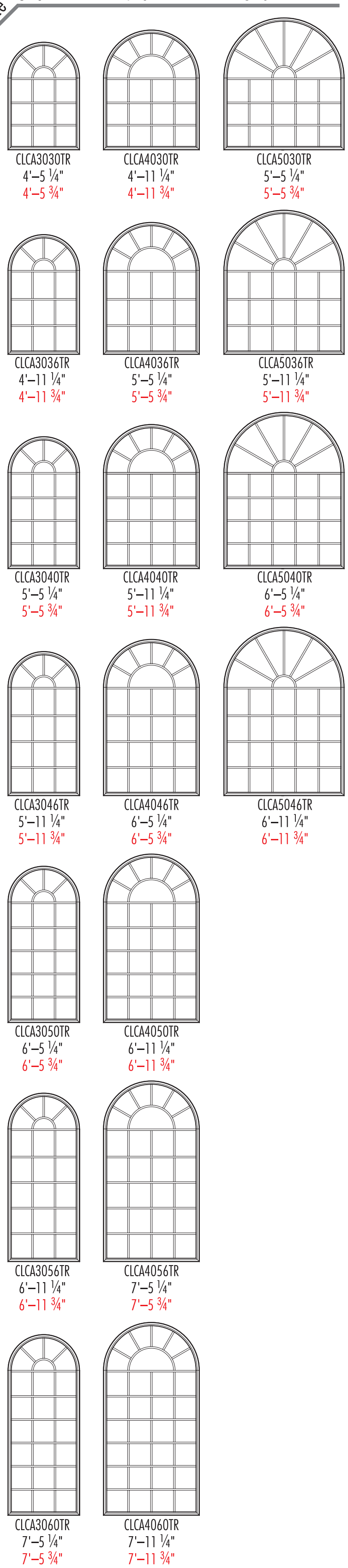
Heights: Unit Dimension	Rough Opening	Call Size	2'–11 ½" / 3'–0" / 3–0	5'–11 ½" / 6'–0" / 3–0 Twin	8'–11 ½" / 9'–0" / 3–0 Triple
2'–11 ½"	3'–0"	3–0	CLCA3030 *	CLCA3030–2 *	CLCA3030–3 *
3'–5 ½"	3'–6"	3–6	CLCA3036	CLCA3036–2	CLCA3036–3
3'–11 ½"	4'–0"	4–0	CLCA3040	CLCA3040–2	CLCA3040–3
4'–5 ½"	4'–6"	4–6	CLCA3046	CLCA3046–2	CLCA3046–3
4'–11 ½"	5'–0"	5–0	CLCA3050	CLCA3050–2	CLCA3050–3
5'–5 ½"	5'–6"	5–6	CLCA3056	CLCA3056–2	CLCA3056–3
5'–11 ½"	6'–0"	6–0	CLCA3060	CLCA3060–2	CLCA3060–3

NOTE:
Shaded units satisfy ICC egress requirements **Sizes marked with an * must be equipped with optional expanded opening arm to satisfy egress (see page 59).** Check with your local code official to confirm egress requirements in your area.

Widths / Heights

Unit Dimension (Height)	Rough Opening (Height)	Call Size	1–0	1–2	1–4	1–6	1–8	2–0	2–4	2–8	3–0	4–0	5–0	6–0
Unit Dimension (Width)			0'–11 ½"	1'–1 ½"	1'–3 ½"	1'–5 ½"	1'–7 ½"	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–11 ½"	4'–11 ½"	5'–11 ½"
Rough Opening (Width)			1'–0"	1'–2"	1'–4"	1'–6"	1'–8"	2'–0"	2'–4"	2'–8"	3'–0"	4'–0"	5'–0"	6'–0"
2'–11 ½"	3'–0"	3–0	CLCA1030P	CLCA1230P	CLCA1430P	CLCA1630P	CLCA1830P	CLCA2030P	CLCA2430P	CLCA2830P	CLCA3030P	CLCA4030P	CLCA5030P	CLCA6030P
3'–5 ½"	3'–6"	3–6	CLCA1036P	CLCA1236P	CLCA1436P	CLCA1636P	CLCA1836P	CLCA2036P	CLCA2436P	CLCA2836P	CLCA3036P	CLCA4036P	CLCA5036P	CLCA6036P
3'–11 ½"	4'–0"	4–0	CLCA1040P	CLCA1240P	CLCA1440P	CLCA1640P	CLCA1840P	CLCA2040P	CLCA2440P	CLCA2840P	CLCA3040P	CLCA4040P	CLCA5040P	CLCA6040P
4'–5 ½"	4'–6"	4–6	CLCA1046P	CLCA1246P	CLCA1446P	CLCA1646P	CLCA1846P	CLCA2046P	CLCA2446P	CLCA2846P	CLCA3046P	CLCA4046P	CLCA5046P	CLCA6046P
4'–11 ½"	5'–0"	5–0	CLCA1050P	CLCA1250P	CLCA1450P	CLCA1650P	CLCA1850P	CLCA2050P	CLCA2450P	CLCA2850P	CLCA3050P	CLCA4050P	CLCA5050P	CLCA6050P
5'–5 ½"	5'–6"	5–6	CLCA1056P	CLCA1256P	CLCA1456P	CLCA1656P	CLCA1856P	CLCA2056P	CLCA2456P	CLCA2856P	CLCA3056P	CLCA4056P	CLCA5056P	CLCA6056P
5'–11 ½"	6'–0"	6–0	CLCA1060P	CLCA1260P	CLCA1460P	CLCA1660P	CLCA1860P	CLCA2060P	CLCA2460P	CLCA2860P	CLCA3060P	CLCA4060P	CLCA5060P	CLCA6060P

Standard Colonial Grille Pattern



Widths

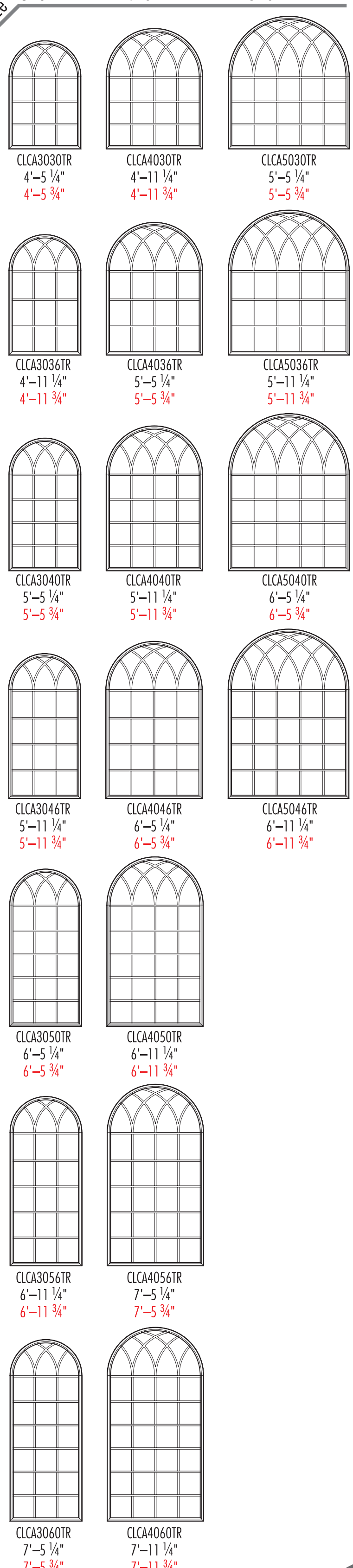
Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension	2'–11 ½"	3'–11 ½"	4'–11 ½"
Rough Opening	3'–0"	4'–0"	5'–0"
Call Size	3–0	4–0	5–0
3–0	CLCA3030TR 4'–5 ¼" 4'–5 ¾"	CLCA4030TR 4'–11 ¼" 4'–11 ¾"	CLCA5030TR 5'–5 ¼" 5'–5 ¾"
3–6	CLCA3036TR 4'–11 ¼" 4'–11 ¾"	CLCA4036TR 5'–5 ¼" 5'–5 ¾"	CLCA5036TR 5'–11 ¼" 5'–11 ¾"
4–0	CLCA3040TR 5'–5 ¼" 5'–5 ¾"	CLCA4040TR 5'–11 ¼" 5'–11 ¾"	CLCA5040TR 6'–5 ¼" 6'–5 ¾"
4–6	CLCA3046TR 5'–11 ¼" 5'–11 ¾"	CLCA4046TR 6'–5 ¼" 6'–5 ¾"	CLCA5046TR 6'–11 ¼" 6'–11 ¾"
5–0	CLCA3050TR 6'–5 ¼" 6'–5 ¾"	CLCA4050TR 6'–11 ¼" 6'–11 ¾"	
5–6	CLCA3056TR 6'–11 ¼" 6'–11 ¾"	CLCA4056TR 7'–5 ¼" 7'–5 ¾"	
6–0	CLCA3060TR 7'–5 ¼" 7'–5 ¾"	CLCA4060TR 7'–11 ¼" 7'–11 ¾"	

Optional Gothic Grille Pattern



Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension	2'–11 ½"	3'–11 ½"	4'–11 ½"
Rough Opening	3'–0"	4'–0"	5'–0"
Call Size	3–0	4–0	5–0
3–0	CLCA3030TR 4'–5 ¼" 4'–5 ¾"	CLCA4030TR 4'–11 ¼" 4'–11 ¾"	CLCA5030TR 5'–5 ¼" 5'–5 ¾"
3–6	CLCA3036TR 4'–11 ¼" 4'–11 ¾"	CLCA4036TR 5'–5 ¼" 5'–5 ¾"	CLCA5036TR 5'–11 ¼" 5'–11 ¾"
4–0	CLCA3040TR 5'–5 ¼" 5'–5 ¾"	CLCA4040TR 5'–11 ¼" 5'–11 ¾"	CLCA5040TR 6'–5 ¼" 6'–5 ¾"
4–6	CLCA3046TR 5'–11 ¼" 5'–11 ¾"	CLCA4046TR 6'–5 ¼" 6'–5 ¾"	CLCA5046TR 6'–11 ¼" 6'–11 ¾"
5–0	CLCA3050TR 6'–5 ¼" 6'–5 ¾"	CLCA4050TR 6'–11 ¼" 6'–11 ¾"	
5–6	CLCA3056TR 6'–11 ¼" 6'–11 ¾"	CLCA4056TR 7'–5 ¼" 7'–5 ¾"	
6–0	CLCA3060TR 7'–5 ¼" 7'–5 ¾"	CLCA4060TR 7'–11 ¼" 7'–11 ¾"	

Standard Colonial Grille Pattern

Single/Picture Widths

Unit Dimension	Rough Opening	Call Size	Unit (Heights)	Unit Dimension Height	Rough Opening Height	Grille Options (See chart on opposite page)
1'–11 ½"	2'–0"	2–0	CLCA20CH	0'–11 ¾"	1'–0 ¼"	C01, CG2, COL
2'–3 ½"	2'–4"	2–4	CLCA24CH	1'–1 ¾"	1'–2 ¼"	C03, CG3, COL
2'–7 ½"	2'–8"	2–8	CLCA28CH	1'–3 ¾"	1'–4 ¼"	C03, CG3, COL
2'–11 ½"	3'–0"	3–0 Picture	CLCA30–PCH	1'–5 ¾"	1'–6 ¼"	C03, CG3, COL
3'–11 ½"	4'–0"	4–0 Picture	CLCA40–PCH	1'–11 ¾"	2'–0 ¼"	C01, C03, C04, C05, C06, C07, CG4, COL
4'–11 ½"	5'–0"	5–0 Picture	CLCA50–PCH	2'–5 ¾"	2'–6 ¼"	C03, C08, C09, CG5, COL
5'–11 ½"	6'–0"	6–0 Picture	CLCA60–PCH	2'–11 ¾"	3'–0 ¼"	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL

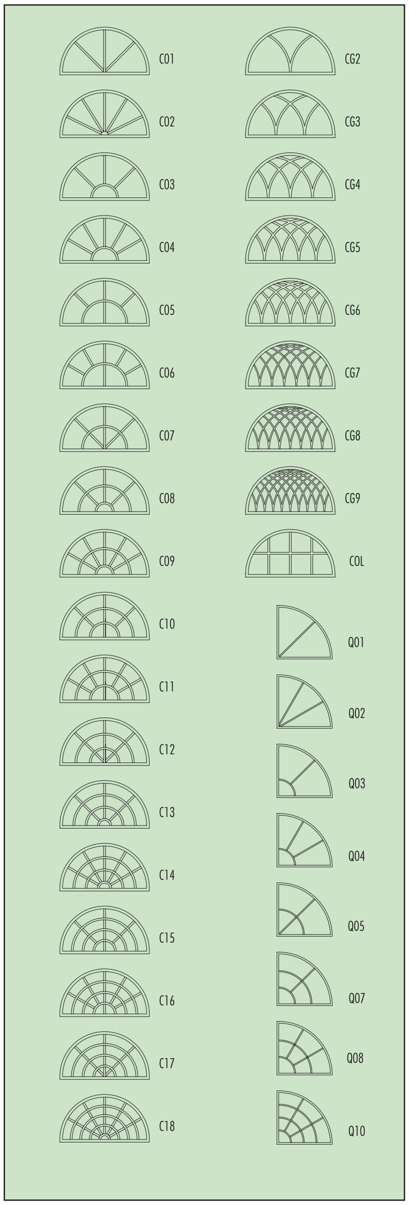
Twin Widths

Unit Dimension	Rough Opening	Call Size	Unit (Heights)	Unit Dimension Height	Rough Opening Height	Grille Options (See chart on opposite page)
2'–11 ½"	3'–0"	1–6 Twin	CLCA16–2CH	1'–5 ¾"	1'–6 ¼"	C01, C02, C03, C04, C05, C06, C07, CG4, COL
3'–3 ½"	3'–4"	1–8 Twin	CLCA18–2CH	1'–7 ¾"	1'–8 ¼"	C01, C02, C03, C04, C05, C06, C07, CG4, COL
3'–11 ½"	4'–0"	2–0 Twin	CLCA20–2CH	1'–11 ¾"	2'–0 ¼"	C01, C02, C03, C04, C05, C06, C07, CG4, COL
4'–7 ½"	4'–8"	2–4 Twin	CLCA24–2CH	2'–3 ¾"	2'–4 ¼"	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL
5'–3 ½"	5'–4"	2–8 Twin	CLCA28–2CH	2'–7 ¾"	2'–8 ¼"	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL
5'–11 ½"	6'–0"	3–0 Twin	CLCA30–2CH	2'–11 ¾"	3'–0 ¼"	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL

Triple Widths

Unit Dimension	Rough Opening	Call Size	Unit (Heights)	Unit Dimension Height	Rough Opening Height	Grille Options (See chart on opposite page)
4'–5 ½"	4'–6"	1–6 Triple	CLCA16–3CH	2'–2 ¾"	2'–3 ¼"	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL
4'–11 ½"	5'–0"	1–8 Triple	CLCA18–3CH	2'–5 ¾"	2'–6 ¼"	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL
5'–11 ½"	6'–0"	2–0 Triple	CLCA20–3CH	2'–11 ¾"	3'–0 ¼"	C01, C02, C03, C04, C05, C06, C07, C08, C09, C10, C11, C12, CG6, COL
6'–11 ½"	7'–0"	2–4 Triple	CLCA24–3CH	3'–5 ¾"	3'–6 ¼"	C04, C18, CG9, COL
7'–11 ½"	8'–0"	2–8 Triple	CLCA28–3CH	3'–11 ¾"	4'–0 ¼"	C04, C18, CG9, COL

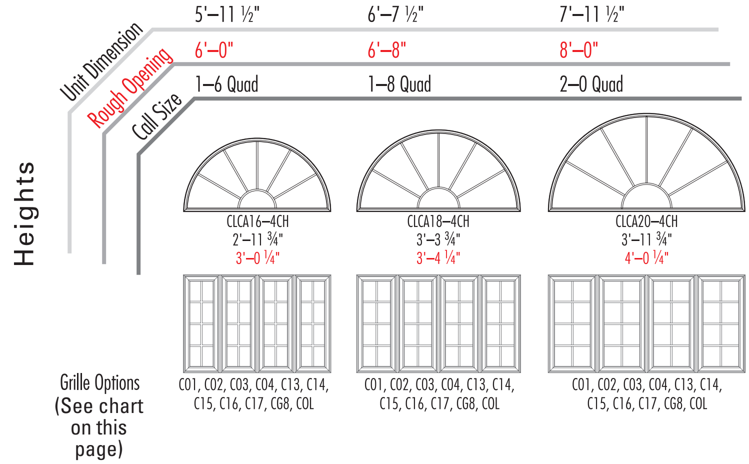
Optional Grille Patterns



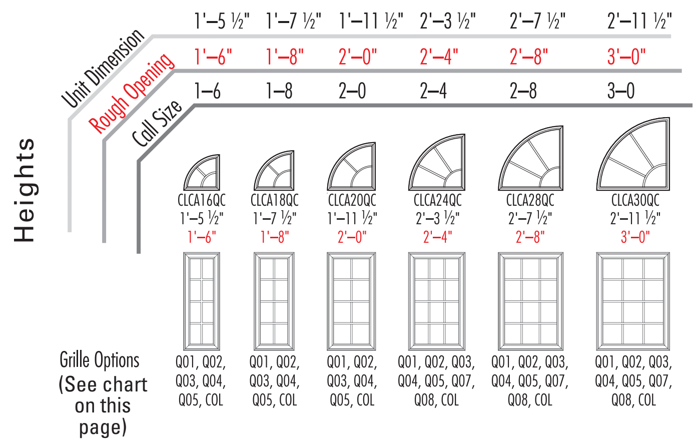
Use order code to specify pattern

Standard Colonial Grille Pattern

Quad Widths



Quarter Circle Widths



Single Widths

Heights: Unit Dimension	Rough Opening	Call Size									
Unit Dimension			1'–5 ½"	1'–7 ½"	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–11 ½"	4'–11 ½"	5'–11 ½"
Rough Opening			1'–6"	1'–8"	2'–0"	2'–4"	2'–8"	3'–0"	4'–0"	5'–0"	6'–0"
Call Size			1–6	1–8	2–0	2–4	2– 8	3–0	4–0	5–0	6–0
11 ½"	1'–0"	1–0	CLCA1610TN	CLCA1810TN	CLCA2010TN	CLCA2410TN	CLCA2810TN	CLCA3010TN	CLCA4010TN	CLCA5010TN	CLCA6010TN
1'–1 ½"	1'–2"	1–2	CLCA1612TN	CLCA1812TN	CLCA2012TN	CLCA2412TN	CLCA2812TN	CLCA3012TN	CLCA4012TN	CLCA5012TN	CLCA6012TN
1'–3 ½"	1'–4"	1–4	CLCA1614TN	CLCA1814TN	CLCA2014TN	CLCA2414TN	CLCA2814TN	CLCA3014TN	CLCA4014TN	CLCA5014TN	CLCA6014TN
1'–7 ½"	1'–8"	1–8	CLCA1618TN	CLCA1818TN	CLCA2018TN	CLCA2418TN	CLCA2818TN	CLCA3018TN	CLCA4018TN	CLCA5018TN	CLCA6018TN
1'–11 ½"	2'–0"	2–0	CLCA1620TN	CLCA1820TN	CLCA2020TN	CLCA2420TN	CLCA2820TN	CLCA3020TN	CLCA4020TN	CLCA5020TN	CLCA6020TN

Twin Widths

Heights: Unit Dimension	Rough Opening	Call Size						
Unit Dimension			2'–11 ½"	3'–3 ½"	3'–11 ½"	4'–7 ½"	5'–3 ½"	5'–11 ½"
Rough Opening			3'–0"	3'–4"	4'–0"	4'–8"	5'–4"	6'–0"
Call Size			1–6 Twin	1–8 Twin	2–0 Twin	2–4 Twin	2–8 Twin	3–0 Twin
11 ½"	1'–0"	1–0	CLCA1610–2TN	CLCA1810–2TN	CLCA2010–2TN	CLCA2410–2TN	CLCA2810–2TN	CLCA3010–2TN
1'–1 ½"	1'–2"	1–2	CLCA1612–2TN	CLCA1812–2TN	CLCA2012–2TN	CLCA2412–2TN	CLCA2812–2TN	CLCA3012–2TN
1'–3 ½"	1'–4"	1–4	CLCA1614–2TN	CLCA1814–2TN	CLCA2014–2TN	CLCA2414–2TN	CLCA2814–2TN	CLCA3014–2TN
1'–7 ½"	1'–8"	1–8	CLCA1618–2TN	CLCA1818–2TN	CLCA2018–2TN	CLCA2418–2TN	CLCA2818–2TN	CLCA3018–2TN
1'–11 ½"	2'–0"	2–0	CLCA1620–2TN	CLCA1820–2TN	CLCA2020–2TN	CLCA2420–2TN	CLCA2820–2TN	CLCA3020–2TN

Standard Colonial Grille Pattern

Single Widths

Heights

Unit height dimension is listed first under individual windows
Rough Opening height dimension is listed second under individual windows

Unit Dimension	1'–5 ½"	1'–7 ½"	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–11 ½"	4'–11 ½"	5'–11 ½"
Rough Opening	1'–6"	1'–8"	2'–0"	2'–4"	2'–8"	3'–0"	4'–0"	5'–0"	6'–0"
Call Size	1–6	1–8	2–0	2–4	2– 8	3–0	4–0	5–0	6–0
0–6	CLCA1606AHTN 0'–8 15/16" 0'–9 7/16"	CLCA1806AHTN 0'–9 1/4" 0'–9 3/4"	CLCA2006AHTN 0'–9 15/16" 0'–10 7/16"	CLCA2406AHTN 0'–10 9/16" 0'–11 1/16"	CLCA2806AHTN 0'–11 1/4" 0'–11 3/4"	CLCA3006–AHTN 0'–11 15/16" 1'–0 7/16"	CLCA4006AHTN 1'–1 15/16" 1'–2 7/16"	CLCA5006AHTN 1'–3 15/16" 1'–4 7/16"	CLCA6006AHTN 1'–5 15/16" 1'–6 7/16"
1–0	CLCA1610AHTN 1'–2 7/16" 1'–2 15/16"	CLCA1810AHTN 1'–2 3/4" 1'–3 1/4"	CLCA2010AHTN 1'–3 7/16" 1'–3 15/16"	CLCA2410AHTN 1'–4 1/16" 1'–4 9/16"	CLCA2810AHTN 1'–4 3/4" 1'–5 1/4"	CLCA3010AHTN 1'–5 7/16" 1'–5 15/16"	CLCA4010AHTN 1'–7 7/16" 1'–7 15/16"	CLCA5010AHTN 1'–9 7/16" 1'–9 15/16"	CLCA6010AHTN 1'–11 7/16" 1'–11 15/16"
1–4	CLCA1614AHTN 1'–6 7/16" 1'–6 15/16"	CLCA1814AHTN 1'–6 3/4" 1'–7 1/4"	CLCA2014AHTN 1'–7 7/16" 1'–7 15/16"	CLCA2414AHTN 1'–8 1/16" 1'–8 9/16"	CLCA2814AHTN 1'–8 3/4" 1'–9 1/4"	CLCA3014AHTN 1'–9 7/16" 1'–9 15/16"	CLCA4014AHTN 1'–11 7/16" 1'–11 15/16"	CLCA5014AHTN 2'–1 7/16" 2'–1 15/16"	CLCA6014AHTN 2'–3 7/16" 2'–3 15/16"
1–8	CLCA1618AHTN 1'–10 7/16" 1'–10 15/16"	CLCA1818AHTN 1'–10 3/4" 1'–11 1/4"	CLCA2018AHTN 1'–11 7/16" 1'–11 15/16"	CLCA2418AHTN 2'–0 1/16" 2'–0 9/16"	CLCA2818AHTN 2'–0 3/4" 2'–1 1/4"	CLCA3018AHTN 2'–1 7/16" 2'–1 15/16"	CLCA4018AHTN 2'–3 7/16" 2'–3 15/16"	CLCA5018AHTN 2'–5 7/16" 2'–5 15/16"	CLCA6018AHTN 2'–7 7/16" 2'–7 15/16"

Twin Widths

Heights

Unit height dimension is listed first under individual windows
Rough Opening height dimension is listed second under individual windows

Unit Dimension	2'–11½"	3'–3 ½"	3'–11 ½"	4'–7 ½"	5'–3 ½"	5'–11 ½"
Rough Opening	3'–0"	3'–4"	4'–0"	4'–8"	5'–4"	6'–0"
Call Size	1–6 Twin	1–8 Twin	2–0 Twin	2–4 Twin	2–8 Twin	3–0 Twin
0–6	CLCA1606–2AHTN 0'–11 15/16" 1'–0 7/16"	CLCA1806–2AHTN 1'–0 9/16" 1'–1 1/16"	CLCA2006–2AHTN 1'–1 15/16" 1'–2 7/16"	CLCA2406–2AHTN 1'–3 1/4" 1'–3 3/4"	CLCA2806–2AHTN 1'–4 9/16" 1'–5 1/16"	CLCA3006–2AHTN 1'–5 15/16" 1'–6 7/16"
1–0	CLCA1610–2AHTN 1'–5 7/16" 1'–5 15/16"	CLCA1810–2AHTN 1'–6 1/16" 1'–6 9/16"	CLCA2010–2AHTN 1'–7 7/16" 1'–7 15/16"	CLCA2410–2AHTN 1'–8 3/4" 1'–9 1/4"	CLCA2810–2AHTN 1'–10 1/16" 1'–10 9/16"	CLCA3010–2AHTN 1'–11 7/16" 1'–11 15/16"
1–4	CLCA1614–2AHTN 1'–9 7/16" 1'–9 15/16"	CLCA1814–2AHTN 1'–10 1/16" 1'–10 9/16"	CLCA2014–2AHTN 1'–11 7/16" 1'–11 15/16"	CLCA2414–2AHTN 2'–0 3/4" 2' –1 1/4"	CLCA2814–2AHTN 2'–2 1/16" 2'–2 9/16"	CLCA3014–2AHTN 2'–3 7/16" 2'–3 15/16"
1–8	CLCA1618–2AHTN 2'–1 7/16" 2'–1 15/16"	CLCA1818–2AHTN 2'–2 1/16" 2'–2 9/16"	CLCA2018–2AHTN 2'–3 7/16" 2'–3 15/16"	CLCA2418–2AHTN 2'–4 3/4" 2' –5 1/4"	CLCA2818–2AHTN 2'–6 1/16" 2'–6 9/16"	CLCA3018–2AHTN 2'–7 7/16" 2'–7 15/16"

Optional Renaissance Grille Pattern

Single Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–11 ½"	4'–11 ½"	5'–11 ½"
Rough Opening	2'–4"	2'–8"	3'–0"	4'–0"	5'–0"	6'–0"
Call Size	2–4	2– 8	3–0	4–0	5–0	6–0
0–6	CLCA2406AHTN 0'–10 9/16" 0'–11 1/16"	CLCA2806AHTN 0'–11 1/4" 0'–11 3/4"	CLCA3006–AHTN 0'–11 15/16" 1'–0 7/16"	CLCA4006AHTN 1'–1 15/16" 1'–2 7/16"	CLCA5006AHTN 1'–3 15/16" 1'–4 7/16"	CLCA6006AHTN 1'–5 15/16" 1'–6 7/16"
1–0	CLCA2410AHTN 1'–4 1/16" 1'–4 9/16"	CLCA2810AHTN 1'–4 3/4" 1'–5 1/4"	CLCA3010AHTN 1'–6 1/16" 1'–6 9/16"	CLCA4010AHTN 1'–7 7/16" 1'–7 15/16"	CLCA5010AHTN 1'–9 7/16" 1'–9 15/16"	CLCA6010AHTN 1'–11 7/16" 1'–11 15/16"
1–4	CLCA2414AHTN 1'–8 1/16" 1'–8 9/16"	CLCA2814AHTN 1'–8 3/4" 1'–9 1/4"	CLCA3014AHTN 1'–9 7/16" 1'–9 15/16"	CLCA4014AHTN 1'–11 7/16" 1'–11 15/16"	CLCA5014AHTN 2'–1 7/16" 2'–1 15/16"	CLCA6014AHTN 2'–3 7/16" 2'–3 15/16"
1–8	CLCA2418AHTN 2'–0 1/16" 2'–0 9/16"	CLCA2818AHTN 2'–0 3/4" 2'–1 1/4"	CLCA3018AHTN 2'–1 7/16" 2'–1 15/16"	CLCA4018AHTN 2'–3 7/16" 2'–3 15/16"	CLCA5018AHTN 2'–5 7/16" 2'–5 15/16"	CLCA6018AHTN 2'–7 7/16" 2'–7 15/16"

Twin Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows

Unit Dimension	2'–11½"	3'–3 ½"	3'–11 ½"	4'–7 ½"	5'–3 ½"	5'–11 ½"
Rough Opening	3'–0"	3'–4"	4'–0"	4'–8"	5'–4"	6'–0"
Call Size	1–6 Twin	1–8 Twin	2–0 Twin	2–4 Twin	2–8 Twin	3–0 Twin
0–6	CLCA1606–2AHTN 0'–11 15/16" 1'–0 7/16"	CLCA1806–2AHTN 1'–0 9/16" 1'–1 1/16"	CLCA2006–2AHTN 1'–1 15/16" 1'–2 7/16"	CLCA2406–2AHTN 1'–3 1/4" 1'–3 3/4"	CLCA2806–2AHTN 1'–4 9/16" 1'–5 1/16"	CLCA3006–2AHTN 1'–5 15/16" 1'–6 7/16"
1–0	CLCA1610–2AHTN 1'–5 7/16" 1'–5 15/16"	CLCA1810–2AHTN 1'–6 1/16" 1'–6 9/16"	CLCA2010–2AHTN 1'–7 7/16" 1'–7 15/16"	CLCA2410–2AHTN 1'–8 3/4" 1'–9 1/4"	CLCA2810–2AHTN 1'–10 1/16" 1'–10 9/16"	CLCA3010–2AHTN 1'–11 7/16" 1'–11 15/16"
1–4	CLCA1614–2AHTN 1'–9 7/16" 1'–9 15/16"	CLCA1814–2AHTN 1'–10 1/16" 1'–10 9/16"	CLCA2014–2AHTN 1'–11 7/16" 1'–11 15/16"	CLCA2414–2AHTN 2'–0 3/4" 2' –1 1/4"	CLCA2814–2AHTN 2'–2 1/16" 2'–2 9/16"	CLCA3014–2AHTN 2'–3 7/16" 2'–3 15/16"
1–8	CLCA1618–2AHTN 2'–1 7/16" 2'–1 15/16"	CLCA1818–2AHTN 2'–2 1/16" 2'–2 9/16"	CLCA2018–2AHTN 2'–3 7/16" 2'–3 15/16"	CLCA2418–2AHTN 2'–4 3/4" 2' –5 1/4"	CLCA2818–2AHTN 2'–6 1/16" 2'–6 9/16"	CLCA3018–2AHTN 2'–7 7/16" 2'–7 15/16"

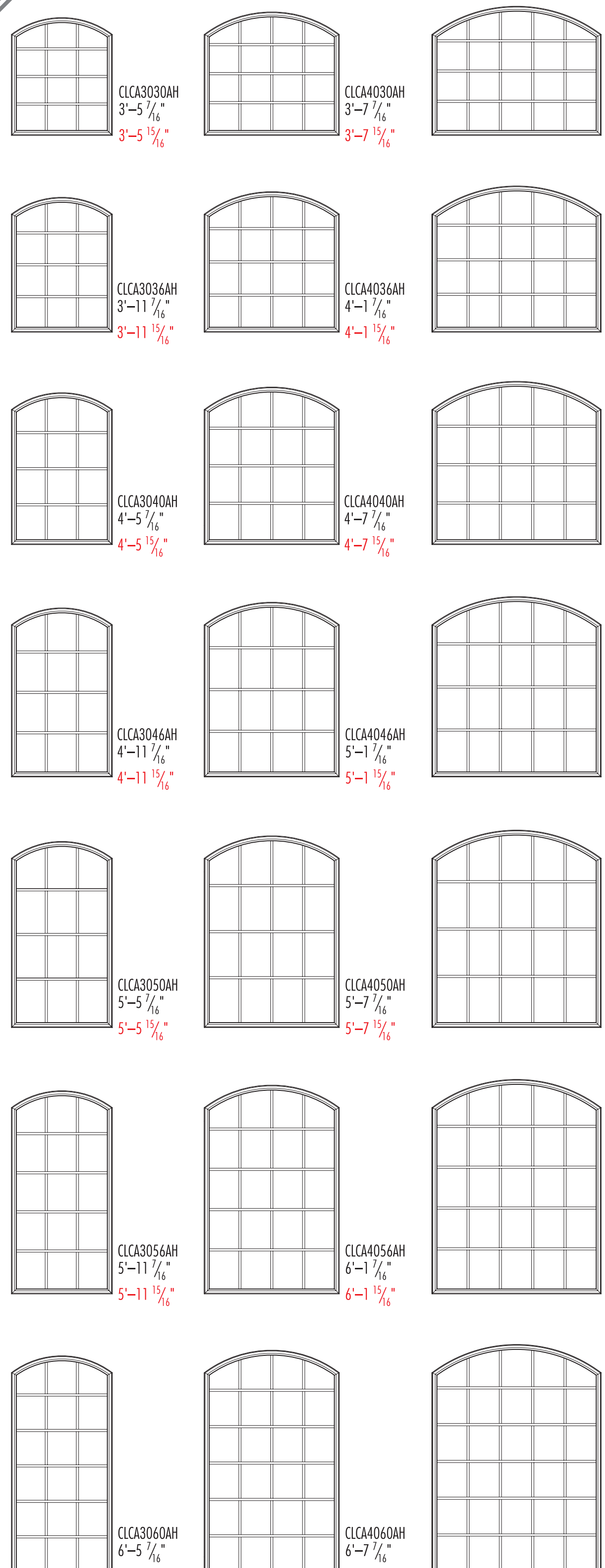
Standard Colonial Grille Pattern

Widths

Heights

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows



Call Size	3–0	4–0	5–0
Unit Dimension	2'–11 ½"	3'–11 ½"	4'–11 ½"
Rough Opening	3'–0"	4'–0"	5'–0"
3–0	CLCA3030AH 3'–5 7/16" 3'–5 15/16"	CLCA4030AH 3'–7 7/16" 3'–7 15/16"	CLCA5030AH 3'–9 7/16" 3'–9 15/16"
3–6	CLCA3036AH 3'–11 7/16" 3'–11 15/16"	CLCA4036AH 4'–1 7/16" 4'–1 15/16"	CLCA5036AH 4'–3 7/16" 4'–3 15/16"
4–0	CLCA3040AH 4'–5 7/16" 4'–5 15/16"	CLCA4040AH 4'–7 7/16" 4'–7 15/16"	CLCA5040AH 4'–9 7/16" 4'–9 15/16"
4–6	CLCA3046AH 4'–11 7/16" 4'–11 15/16"	CLCA4046AH 5'–1 7/16" 5'–1 15/16"	CLCA5046AH 5'–3 7/16" 5'–3 15/16"
5–0	CLCA3050AH 5'–5 7/16" 5'–5 15/16"	CLCA4050AH 5'–7 7/16" 5'–7 15/16"	CLCA5050AH 5'–9 7/16" 5'–9 15/16"
5–6	CLCA3056AH 5'–11 7/16" 5'–11 15/16"	CLCA4056AH 6'–1 7/16" 6'–1 15/16"	CLCA5056AH 6'–3 7/16" 6'–3 15/16"
6–0	CLCA3060AH 6'–5 7/16" 6'–5 15/16"	CLCA4060AH 6'–7 7/16" 6'–7 15/16"	CLCA5060AH 6'–9 7/16" 6'–9 15/16"

Optional Renaissance Grille Pattern

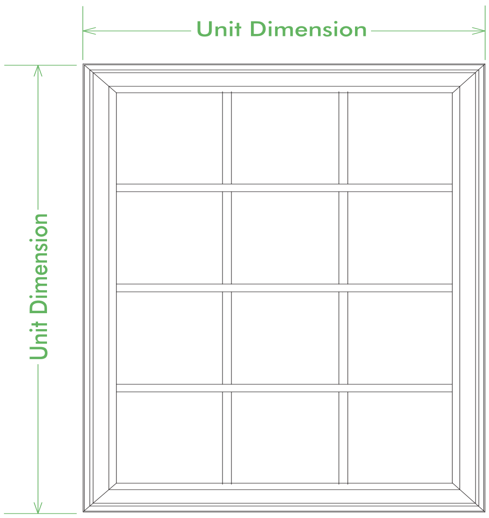
Widths

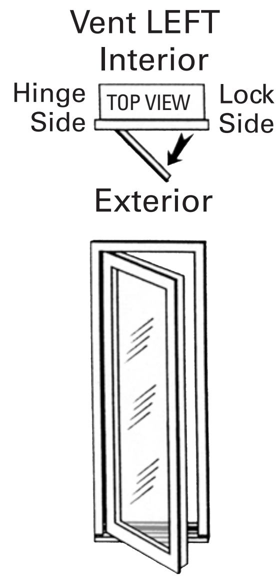
Unit Dimension / Rough Opening / Call Size

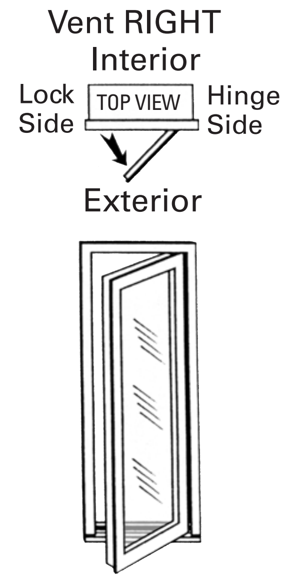
Heights (Call Size)	3–0 (Unit Dimension 2'–11 ½", Rough Opening 3'–0")	4–0 (Unit Dimension 3'–11 ½", Rough Opening 4'–0")	5–0 (Unit Dimension 4'–11 ½", Rough Opening 5'–0")
3–0	CLCA3030AH 3'–5 7/16" 3'–5 15/16"	CLCA4030AH 3'–7 7/16" 3'–7 15/16"	CLCA5030AH 3'–9 7/16" 3'–9 15/16"
3–6	CLCA3036AH 3'–11 7/16" 3'–11 15/16"	CLCA4036AH 4'–1 7/16" 4'–1 15/16"	CLCA5036AH 4'–3 7/16" 4'–3 15/16"
4–0	CLCA3040AH 4'–5 7/16" 4'–5 15/16"	CLCA4040AH 4'–7 7/16" 4'–7 15/16"	CLCA5040AH 4'–9 7/16" 4'–9 15/16"
4–6	CLCA3046AH 4'–11 7/16" 4'–11 15/16"	CLCA4046AH 5'–1 7/16" 5'–1 15/16"	CLCA5046AH 5'–3 7/16" 5'–3 15/16"
5–0	CLCA3050AH 5'–5 7/16" 5'–5 15/16"	CLCA4050AH 5'–7 7/16" 5'–7 15/16"	CLCA5050AH 5'–9 7/16" 5'–9 15/16"
5–6	CLCA3056AH 5'–11 7/16" 5'–11 15/16"	CLCA4056AH 6'–1 7/16" 6'–1 15/16"	CLCA5056AH 6'–3 7/16" 6'–3 15/16"
6–0	CLCA3060AH 6'–5 7/16" 6'–5 15/16"	CLCA4060AH 6'–7 7/16" 6'–7 15/16"	CLCA5060AH 6'–9 7/16" 6'–9 15/16"

Unit height dimension is listed first under individual windows

Rough Opening height dimension is listed second under individual windows







Formula for determining unit dimension on multiple units.

1) Add actual unit dimensions together.
2) Add ½" for each mull.

Operating Units, WIDTH

CALL SIZE (WIDTH)	1-6	1-8	2-0	2-4	2-8	3-0
SINGLE	17½	19½	23½	27½	31½	35½
TWIN*	35½	39½	47½	55½	63½	71½
TRIPLE*	53½	59½	71½	83½	95½	107½
FOUR WIDE*	71½	79½	95½	111½	N/A	N/A

* Mulls included in dimension

Fixed Units, WIDTH

CALL SIZE (WIDTH)	1-0	1-2	1-4	1-6	1-8	2-0
SINGLE	11½	13½	15½	17½	19½	23½
TWIN*	23½	27½	31½	35½	39½	47½
TRIPLE*	35½	41½	47½	53½	59½	71½
FOUR WIDE*	47½	55½	63½	71½	79½	95½

* Mulls included in dimension

Fixed Units, WIDTH

CALL SIZE (WIDTH)	2-4	2-8	3-0	4-0	5-0	6-0
SINGLE	27½	31½	35½	47½	59½	71½
TWIN*	55½	63½	71½	95½	119½	N/A
TRIPLE*	83½	95½	107½	N/A	N/A	N/A
FOUR WIDE*	111½	N/A	N/A	N/A	N/A	N/A

* Mulls included in dimension

Operating & Fixed Units, HEIGHT

CALL SIZE (HEIGHT)	HEIGHT IN INCHES
3-0	35½
3-6	41½
4-0	47½
4-6	53½
5-0	59½
5-6	65½
6-0	71½

Transom Units, HEIGHT

CALL SIZE (HEIGHT)	HEIGHT IN INCHES
1-0	11½
1-2	13½
1-4	15½
1-8	19½
2-0	23 ½

Casement – Net Clear & Daylight Opening Dimensions

Operating Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
CLCA16 30	8.00	30.563	1.70	2.3
36	8.00	36.563	2.03	2.8
40	8.00	42.563	2.36	3.3
46	8.00	48.563	2.70	3.7
50	8.00	54.563	3.03	4.2
56	8.00	60.563	3.36	4.7
60	8.00	66.563	3.70	5.2
CLCA18 30	10.00	30.563	2.12	2.7
36	10.00	36.563	2.54	3.3
40	10.00	42.563	2.96	3.8
46	10.00	48.563	3.37	4.4
50	10.00	54.563	3.79	5.0
56	10.00	60.563	4.21	5.5
60	10.00	66.563	4.62	6.1
CLCA20 30	14.00	30.563	2.97	3.5
36	14.00	36.563	3.55	4.3
40	14.00	42.563	4.14	5.0
46	14.00	48.563	4.72	5.7
50	14.00	54.563	5.30	6.4
56	14.00	60.563	5.89	7.2
60	14.00	66.563	6.47	7.9

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
CLCA24 30	18.00	30.563	3.82	4.4
36	18.00	36.563	4.57	5.3
40	18.00	42.563	5.32	6.1
46	18.00	48.563	6.07	7.0
50	18.00	54.563	6.82	7.9
56	18.00	60.563	7.57	8.8
60	18.00	66.563	8.32	9.7
CLCA28 30	22.00	30.563	4.67	5.2
36	22.00	36.563	5.59	6.2
40	22.00	42.563	6.50	7.3
46	22.00	48.563	7.42	8.3
50	22.00	54.563	8.34	9.4
56	22.00	60.563	9.25	10.5
60	22.00	66.563	10.17	11.5
CLCA30 30	26.00	30.563	5.52	6.0
36	26.00	36.563	6.60	7.2
40	26.00	42.563	7.68	8.4
46	26.00	48.563	8.77	9.7
50	26.00	54.563	9.85	10.9
56	26.00	60.563	10.93	12.1
60	26.00	66.563	12.02	13.3

NOTE: Units listed in **green** satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

With Optional Expanded Opening Arm

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.
CLCA24 30	20.500	30.563	4.35
36	20.500	36.563	5.21
40	20.500	42.563	6.06
46	20.500	48.563	6.91
50	20.500	54.563	7.77
56	20.500	60.563	8.62
60	20.500	66.563	9.48
CLCA28 30	24.500	30.563	5.20
36	24.500	36.563	6.22
40	24.500	42.563	7.24
46	24.500	48.563	8.26
50	24.500	54.563	9.28
56	24.500	60.563	10.30
60	24.500	66.563	11.32
CLCA30 30	28.500	30.563	6.05
36	28.500	36.563	7.24
40	28.500	42.563	8.42
46	28.500	48.563	9.61
50	28.500	54.563	10.80
56	28.500	60.563	11.99
60	28.500	66.563	13.17

Expanded Opening Hinge
(LH:252197 & RH: 252198) Pair Needed.

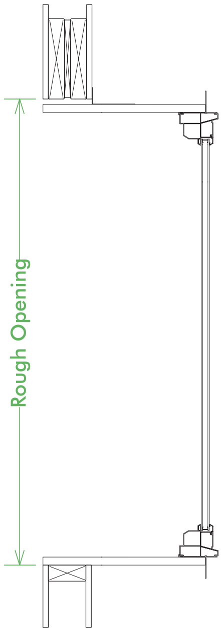
Fixed Units

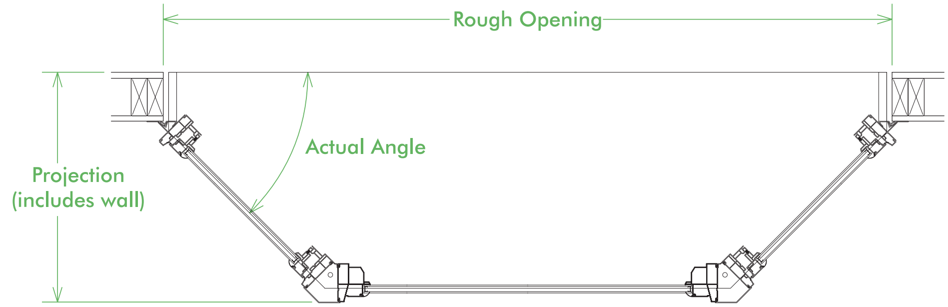
Call Size	Daylight Opening S.F.
CLCA10 30	1.1
36	1.3
40	1.5
46	1.8
50	2.0
56	2.2
60	2.4
CLCA12 30	1.5
36	1.8
40	2.1
46	2.4
50	2.7
56	3.0
60	3.3
CLCA14 30	1.9
36	2.3
40	2.7
46	3.1
50	3.5
56	3.9
60	4.3

Call Size	Daylight Opening S.F.
CLCA16 30	2.3
36	2.8
40	3.3
46	3.7
50	4.2
56	4.7
60	5.2
CLCA18 30	2.7
36	3.3
40	3.8
46	4.4
50	5.0
56	5.5
60	6.1
CLCA20 30	3.5
36	4.3
40	5.0
46	5.7
50	6.4
56	7.2
60	7.9

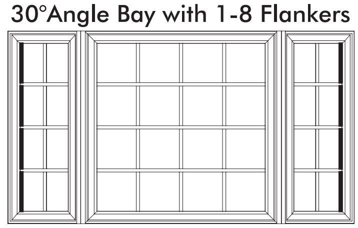
Call Size	Daylight Opening S.F.
CLCA24 30	4.4
36	5.3
40	6.1
46	7.0
50	7.9
56	8.8
60	9.7
CLCA28 30	5.2
36	6.2
40	7.3
46	8.3
50	9.4
56	10.5
60	11.5
CLCA30 30	6.0
36	7.2
40	8.4
46	9.7
50	10.9
56	12.1
60	13.3

Call Size	Daylight Opening S.F.
CLCA40 30	8.4
36	10.2
40	11.9
46	13.6
50	15.3
56	17.1
60	18.8
CLCA50 30	10.9
36	13.1
40	15.3
46	17.6
50	19.8
56	22.0
60	24.2
CLCA60 30	13.3
36	16.1
40	18.8
46	21.5
50	24.2
56	27.0
60	29.7

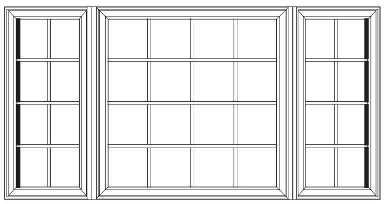




30°Angle Bay with 1-8 Flankers



30°Angle Bay with 2-0 Flankers

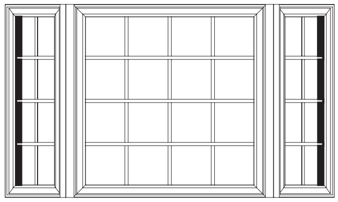


Call Size (Height)	Bay Unit (Height)	Inside Dimension (Height)	Rough Opening (Height)
3/0	37	35–1/2	37–1/2
3/6	43	41–1/2	43–1/2
4/0	49	47–1/2	49–1/2
4/6	55	53–1/2	55–1/2
5/0	61	59–1/2	61–1/2
5/6	67	65–1/2	67–1/2
6/0	73	71–1/2	73–1/2

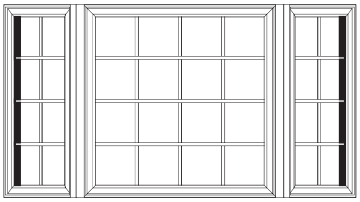
Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)	Actual Angle
CLCA1830xx-30	76–13/16	73–3/4	16–5/16	72–3/4	28°
CLCA1840xx-30	88–13/16	85–3/4	16–5/16	84–3/4	28°
CLCA1850xx-30	100–13/16	97–3/4	16–5/16	96–3/4	28°
CLCA1860xx-30	112–13/16	109–3/4	16–5/16	108–3/4	28°
CLCA2030xx-30	83–7/8	80–13/16	18–3/16	79–13/16	28°
CLCA2040xx-30	95–7/8	92–13/16	18–3/16	91–13/16	28°
CLCA2050xx-30	107–7/8	104–13/16	18–3/16	103–13/16	28°
CLCA2060xx-30	119–7/8	116–13/16	18–3/16	115–13/16	28°

Note: Projections include 4–9/16" wall.

45°Angle Bay with 1-8 Flankers

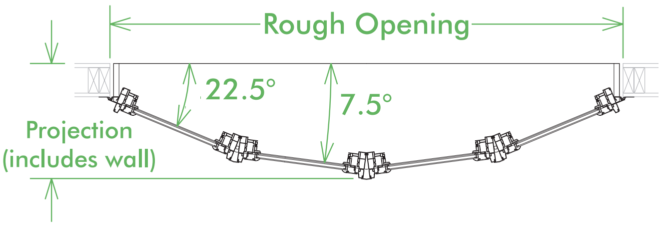


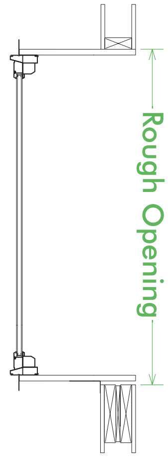
45°Angle Bay with 2-0 Flankers



Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)	Actual Angle
CLCA1830xx-45	71–1/8	68–1/16	21–1/2	67–1/16	45°
CLCA1840xx-45	83–1/8	80–1/16	21–1/2	79–1/16	45°
CLCA1850xx-45	95–1/8	92–1/16	21–1/2	91–1/16	45°
CLCA1860xx-45	107–1/8	104–1/16	21–1/2	103–1/16	45°
CLCA2030xx-45	76–3/4	73–11/16	24–3/8	72–11/16	45°
CLCA2040xx-45	88–3/4	85–11/16	24–3/8	84–11/16	45°
CLCA2050xx-45	100–3/4	97–11/16	24–3/8	96–11/16	45°
CLCA2060xx-45	112–3/4	109–11/16	24–3/8	108–11/16	45°

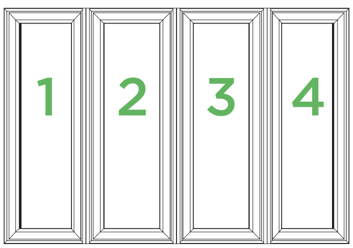
Casement – 4-Wide Bow Window Details





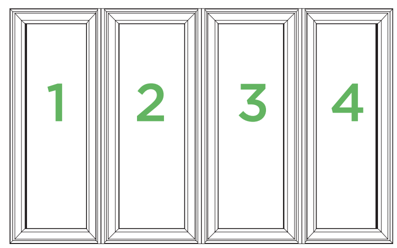
Call Size (Height)	Bow Unit (Height)	Inside Dimension (Height)	Rough Opening (Height)
3/0	37	35–1/2	37–1/2
3/6	43	41–1/2	43–1/2
4/0	49	47–1/2	49–1/2
4/6	55	53–1/2	55–1/2
5/0	61	59–1/2	61–1/2
5/6	67	65–1/2	67–1/2
6/0	73	71–1/2	73–1/2

4 Wide Bow with 1-6 width units



Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)
CLCA16xx/4BOW	73–11/16	70–5/8	15–15/16	69–5/8

4 Wide Bow with 1-8 width units

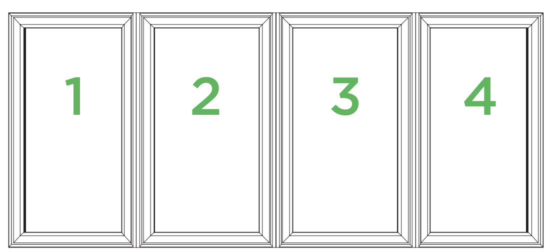


Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)
CLCA18xx/4BOW	81–3/8	78–5/16	16–15/16	77–5/16

4 Wide Bow with 2-0 width units

Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)
CLCA20xx/4BOW	96–11/16	93–5/8	19	92–5/8

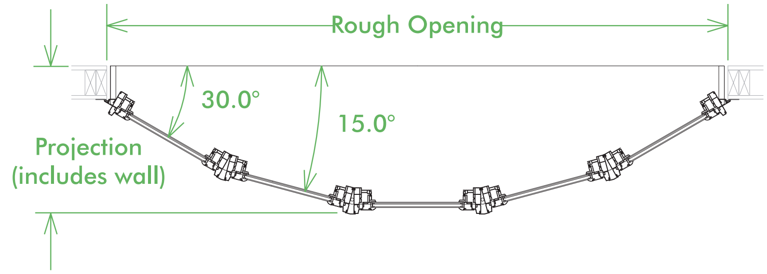
4 Wide Bow with 2-4 width units



Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)
CLCA24xx/4BOW	112	108–15/16	21–1/16	107–15/16

Note: Windows 1 and 4 are operating, windows 2 and 3 are Fixed. All four windows operating is optional, upcharge applies.

Projections include 4–9/16" wall.

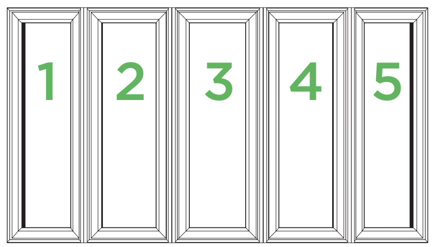


Call Size (Height)	Bow Unit (Height)	Inside Dimension (Height)	Rough Opening (Height)
3/0	37	35–1/2	37–1/2
3/6	43	41–1/2	43–1/2
4/0	49	47–1/2	49–1/2
4/6	55	53–1/2	55–1/2
5/0	61	59–1/2	61–1/2
5/6	67	65–1/2	67–1/2
6/0	73	71–1/2	73–1/2

Note: Windows 1 & 5 are operating, windows 2, 3 & 4 are Fixed. All five windows operating is optional, upcharge applies.

Projections include 4–9/16" wall.

5 Wide Bow with 1-6 width units

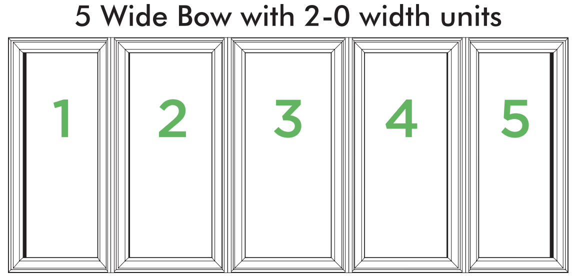


Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)
CLCA16xx/5BOW	88–1/2	85–7/16	20–3/8	84–7/16

5 Wide Bow with 1-8 width units

Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)
CLCA18xx/5BOW	97–7/8	94–13/16	21–7/8	93–13/16

5 Wide Bow with 2-0 width units



Call Size (Width)	Max. Unit (Width)	Max. Rough Opening (Width)	Projection	Unit Dimension (Width)
CLCA20xx/5BOW	116–1/2	113–7/16	24–15/16	112–7/16

Widths

Heights: Unit Dimension	Rough Opening	Call Size								
		Unit Dimension	1'–5 ½"	1'–7 ½"	1'–11 ½"	2'–3 ½"	2'–7 ½"	2'–11 ½"	3'–3 ½"	3'–11 ½"
		Rough Opening	1'–6"	1'–8"	2'–0"	2'–4"	2'–8"	3'–0"	3'–4"	4'–0"
		Call Size	1–6	1–8	2–0	2–4	2–8	3–0	3–4	4–0
1'–7 ½"	1'–8"	1–8	CLAW1618P	CLAW1818P	CLAW2018P	CLAW2418P	CLAW2818P	CLAW3018P	CLAW3418P	CLAW4018P
1'–11 ½"	2'–0"	2–0	CLAW1620P	CLAW1820P	CLAW2020P	CLAW2420P	CLAW2820P	CLAW3020P	CLAW3420P	CLAW4020P
2'–3 ½"	2'–4"	2–4	CLAW1624P	CLAW1824P	CLAW2024P	CLAW2424P	CLAW2824P	CLAW3024P	CLAW3424P	CLAW4024P
3'–5 ½"	3'–6"	3–6	CLAW1636P	CLAW1836P	CLAW2036P	CLAW2436P	CLAW2836P	CLAW3036P	CLAW3436P	CLAW4036P
3'–11 ½"	4'–0"	4–0	CLAW1640P	CLAW1840P	CLAW2040P	CLAW2440P	CLAW2840P	CLAW3040P	CLAW3440P	CLAW4040P
4'–11 ½"	5'–0"	5–0	CLAW1650P	CLAW1850P	CLAW2050P	CLAW2450P	CLAW2850P	CLAW3050P	CLAW3450P	CLAW4050P

A W N I N G   U N I T S

Widths

Heights: Unit Dimension	Rough Opening	Call Size	1'–5 ½" / 1'–6" / 1–6	1'–7 ½" / 1'–8" / 1–8	1'–11 ½" / 2'–0" / 2–0	2'–3 ½" / 2'–4" / 2–4	2'–7 ½" / 2'–8" / 2–8	2'–11 ½" / 3'–0" / 3–0	3'–3 ½" / 3'–4" / 3–4	3'–11 ½" / 4'–0" / 4–0
1'–7 ½"	1'–8"	1–8	CLAW1618	CLAW1818	CLAW2018	CLAW2418	CLAW2818	CLAW3018	CLAW3418	CLAW4018
1'–11 ½"	2'–0"	2–0	CLAW1620	CLAW1820	CLAW2020	CLAW2420	CLAW2820	CLAW3020	CLAW3420	CLAW4020
2'–3 ½"	2'–4"	2–4	CLAW1624	CLAW1824	CLAW2024	CLAW2424	CLAW2824	CLAW3024	CLAW3424	CLAW4024

One Wide by Two High Units

Widths

Heights: Unit Dimension	Rough Opening	Call Size	1'–5 ½" / 1'–6" / 1–6	1'–7 ½" / 1'–8" / 1–8	1'–11 ½" / 2'–0" / 2–0	2'–3 ½" / 2'–4" / 2–4	2'–7 ½" / 2'–8" / 2–8	2'–11 ½" / 3'–0" / 3–0	3'–3 ½" / 3'–4" / 3–4	3'–11 ½" / 4'–0" / 4–0
3'–3 ½"	3'– 4"	1–8	CLAW1618–12	CLAW1818–12	CLAW2018–12	CLAW2418–12	CLAW2818–12	CLAW3018–12	CLAW3418–12	CLAW4018–12
3'–11 ½"	4'–0"	2–0	CLAW1620–12	CLAW1820–12	CLAW2020–12	CLAW2420–12	CLAW2820–12	CLAW3020–12	CLAW3420–12	CLAW4020–12
4'–7 ½"	4'–8"	2–4	CLAW1624–12	CLAW1824–12	CLAW2024–12	CLAW2424–12	CLAW2824–12	CLAW3024–12	CLAW3424–12	CLAW4024–12

Two Wide by Two High Units

Widths

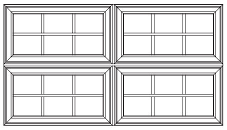
Heights: Unit Dimension	Rough Opening	Call Size	2'–11 ½" / 3'–0" / 1–6	3'–3 ½" / 3'–4" / 1–8	3'–11 ½" / 4'–0" / 2–0	4'–7 ½" / 4'–8" / 2–4	5'–3 ½" / 5'–4" / 2–8
3'–3 ½"	3'–4"	1–8	CLAW1618–22	CLAW1818–22	CLAW2018–22	CLAW2418–22	CLAW2818–22
3'–11 ½"	4'–0"	2–0	CLAW1620–22	CLAW1820–22	CLAW2020–22	CLAW2420–22	CLAW2820–22
4'–7 ½"	4'–8"	2–4	CLAW1624–22	CLAW1824–22	CLAW2024–22	CLAW2424–22	CLAW2824–22

Three Wide by Two High Units

Widths

Heights: Unit Dimension	Rough Opening	Call Size	4'–5 ½" / 4'–6" / 1–6	4'–11 ½" / 5'–0" / 1–8	5'–11 ½" / 6'–0" / 2–0
3'–3 ½"	3'–4"	1–8	CLAW1618–32	CLAW1818–32	CLAW2018–32
3'–11 ½"	4'–0"	2–0	CLAW1620–32	CLAW1820–32	CLAW2020–32
4'–7 ½"	4'–8"	2–4	CLAW1624–32	CLAW1824–32	CLAW2024–32

5'–11 ½"	6'–7 ½"	7'–11 ½"
6'–0"	6'–8"	8'–0"
3–0	3–4	4–0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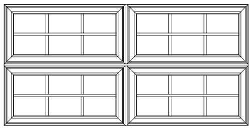
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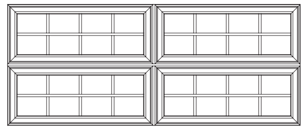
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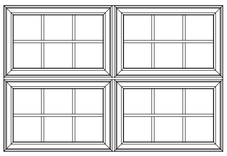
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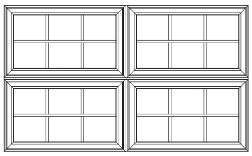
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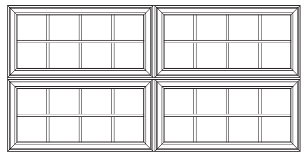
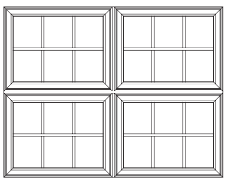
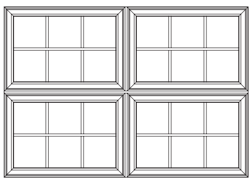

CLAW4020–22


CLAW3024–22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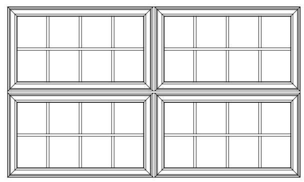
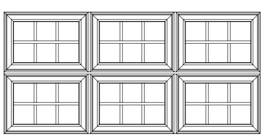
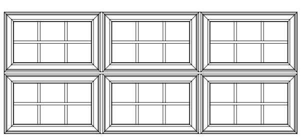
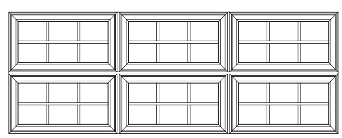
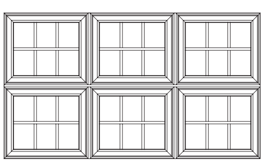

CLAW4024–22

6'–11 ½"	7'–11 ½"	8'–11 ½"
7'–0"	8'–0"	9'–0"
2–4	2–8	3–0


CLAW2418–32


CLAW2818–32


CLAW3018–32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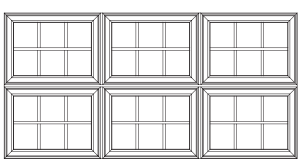
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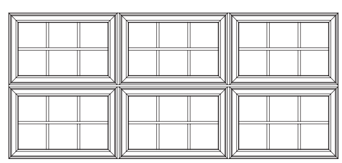
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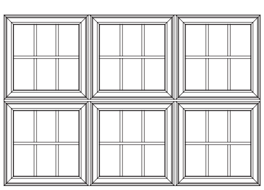
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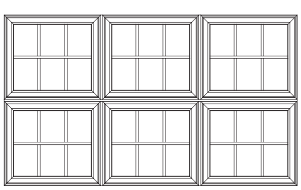
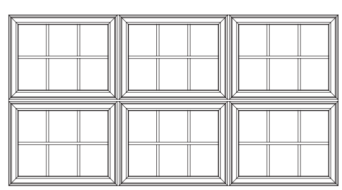
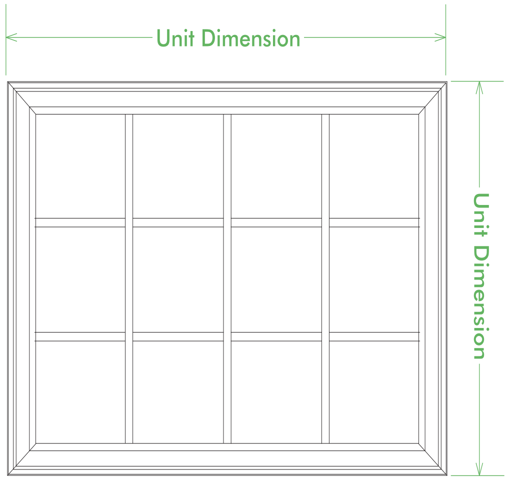

CLAW2824–32


CLAW3024–32

Awning – Actual Unit Dimensions



Formula for determining unit dimension on multiple units.

1) Add actual unit dimensions together.
2) Add ½" for each mull.

Operating & Fixed Units, HEIGHT

CALL SIZE HEIGHT	ONE HEIGHT	TWO HEIGHT	THREE HEIGHT
1-6	17½	35½	53½
1-8	19½	39½	59½
2-0	23½	47½	71½
2-4	27½	55½	83½
2-8	31½	63½	95½
3-4	39½	79½	N/A

Operating Units, WIDTH

CALL SIZE (WIDTH)	1-6	1-8	2-0	2-4	2-8	3-4	4-0
ONE WIDE	17½	19½	23½	27½	31½	39½	47½
TWO WIDE*	35½	39½	47½	55½	63½	79½	95½
THREE WIDE*	53½	59½	71½	83½	95½	119½	N/A

* Mulls included in dimension

Fixed Units, HEIGHT

CALL SIZE (HEIGHT)	HEIGHT IN INCHES
1-6	17½
1-8	19½
2-0	23½
2-4	27½
3-6	41½
4-0	47½
5-0	59½

Fixed Units, WIDTH

CALL SIZE (WIDTH)	1-6	1-8	2-0	2-4	2-8	3-4	4-0
ONE WIDE	17½	19½	23½	27½	31½	39½	47½
TWO WIDE*	35½	39½	47½	55½	63½	79½	95½
THREE WIDE*	53½	59½	71½	83½	95½	119½	N/A

* Mulls included in dimension

Picture Over Single Awning Units, HEIGHT*

CALL SIZE (HEIGHT)	HEIGHT IN INCHES	CALL SIZE (HEIGHT)	HEIGHT IN INCHES	CALL SIZE (HEIGHT)	HEIGHT IN INCHES
1-6/3-6	59½	2-4/3-6	69½	4-0/3-6	89½
1-6/4-0	65½	2-4/4-0	75½	4-0/4-0	95½
1-6/5-0	77½	2-4/5-0	87½	4-0/5-0	107½
1-8/3-6	61½	2-8/3-6	73½		
1-8/4-0	67½	2-8/4-0	79½		
1-8/5-0	79½	2-8/5-0	91 ½		
2-0/3-6	65½	3-4/3-6	81½		
2-0/4-0	71½	3-4/4-0	87½		
2-0/5-0	83½	3-4/5-0	99½		

* Mulls included in dimension

Operating Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
CLAW1618	8.500	14.563	0.86	1.1
20	8.500	18.563	1.10	1.4
24	8.500	22.563	1.33	1.7
CLAW1818	10.500	14.563	1.06	1.2
20	10.500	18.563	1.35	1.6
24	10.500	22.563	1.65	2.0
CLAW2018	14.500	14.563	1.47	1.6
20	14.500	18.563	1.87	2.1
24	14.500	22.563	2.27	2.6
CLAW2418	18.500	14.563	1.87	2.0
20	18.500	18.563	2.38	2.6
24	18.500	22.563	2.90	3.2

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
CLAW2818	22.500	14.563	2.28	2.4
20	22.500	18.563	2.90	3.1
24	22.500	22.563	3.53	3.8
CLAW3018	26.500	14.563	2.68	2.7
20	26.500	18.563	3.42	3.5
24	26.500	22.563	4.15	4.4
CLAW3418	30.500	14.563	3.08	3.1
20	30.500	18.563	3.93	4.0
24	30.500	22.563	4.78	5.0
CLAW4018	38.500	14.563	3.89	3.8
20	38.500	18.563	4.96	5.0
24	38.500	22.563	6.03	6.1

NOTE: Awning units do NOT satisfy egress requirements.

Fixed Units

Call Size	Daylight Opening S.F.
CLAW1018	1.1
20	1.4
24	1.7
36	2.8
40	3.3
50	4.2
CLAW1818	1.2
20	1.6
24	2.0
36	3.3
40	3.8
50	5.0
CLAW2018	1.6
20	2.1
24	2.6
36	4.3
40	5.0
50	6.4

Call Size	Daylight Opening S.F.
CLAW24 18	2.0
20	2.6
24	3.2
36	5.3
40	6.1
50	7.9
CLAW2818	2.4
20	3.1
24	3.8
36	6.2
40	7.3
50	9.4
CLAW3018	2.7
20	3.5
24	4.4
36	7.2
40	8.4
50	10.9

Call Size	Daylight Opening S.F.
CLAW34 18	3.1
20	4.0
24	5.0
36	8.2
40	9.6
50	12.4
CLAW4018	3.8
20	5.0
24	6.1
36	10.2
40	11.9
50	15.3

Single — Even Lite

Widths

Heights: Unit Dimension	Rough Opening	Call Size	2'–5 ½" / 2'–6" / 2–6	2'–11 ½" / 3'–0" / 3–0	3'–5 ½" / 3'–6" / 3–6	3'–11 ½" / 4'–0" / 4–0	4'–0 ½" / 4'–1" / 4–1	4'–11 ½" / 5'–0" / 5–0	5'–11 ½" / 6'–0" / 6–0
1'–11 ½"	2'–0"	2–0	TVBSL2620	TVBSL3020	TVBSL3620	TVBSL4020	TVBSL4120	TVBSL5020	TVBSL6020
2'–7 ½"	2'–8"	2–8	TVBSL2628	TVBSL3028	TVBSL3628	TVBSL4028	TVBSL4128	TVBSL5028	TVBSL6028
2'–11 ½"	3'–0"	3–0	TVBSL2630	TVBSL3030	TVBSL3630	TVBSL4030	TVBSL4130	TVBSL5030	TVBSL6030
3'–5 ½"	3'–6"	3–6	TVBSL2636	TVBSL3036	TVBSL3636	TVBSL4036	TVBSL4136	TVBSL5036	TVBSL6036
3'–7 ½"	3'–8"	3–8	TVBSL2638	TVBSL3038	TVBSL3638	TVBSL4038	TVBSL4138	TVBSL5038	TVBSL6038
3'–11 ½"	4'–0"	4–0	TVBSL2640	TVBSL3040	TVBSL3640	TVBSL4040	TVBSL4140	TVBSL5040	TVBSL6040
4'–0 ½"	4'–1"	4–1	TVBSL2641	TVBSL3041	TVBSL3641	TVBSL4041	TVBSL4141	TVBSL5041	TVBSL6041
4'–3 ½"	4'–4"	4–4	TVBSL2644	TVBSL3044	TVBSL3644	TVBSL4044	TVBSL4144	TVBSL5044	TVBSL6044
4'–11 ½"	5'–0"	5–0	TVBSL2650	TVBSL3050	TVBSL3650	TVBSL4050	TVBSL4150	TVBSL5050	TVBSL6050
5'–1 ½"	5'–2"	5–2	TVBSL2652	TVBSL3052	TVBSL3652	TVBSL4052	TVBSL4152	TVBSL5052	TVBSL6052

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

$^1/_3$- $^1/_3$- $^1/_3$ Lite

Widths

Heights: Unit Dimension	Rough Opening	Call Size	5'–11 ½" / 6'–0" / 6–0 3E	6'–11 ½" / 7'–0" / 7–0 3E	7'–11 ½" / 8'–0" / 8–0 3E
1'–11 ½"	2'–0"	2–0	TVBSL6020E–3	TVBSL7020E–3	TVBSL8020E–3
2'–7 ½"	2'–8"	2–8	TVBSL6028E–3	TVBSL7028E–3	TVBSL8028E–3
2'–11 ½"	3'–0"	3–0	TVBSL6030E–3	TVBSL7030E–3	TVBSL8030E–3
3'–5 ½"	3'–6"	3–6	TVBSL6036E–3	TVBSL7036E–3	TVBSL8036E–3
3'–7 ½"	3'–8"	3–8	TVBSL6038E–3	TVBSL7038E–3	TVBSL8038E–3
3'–11 ½"	4'–0"	4–0	TVBSL6040E–3	TVBSL7040E–3	TVBSL8040E–3
4'–½"	4'–1"	4–1	TVBSL6041E–3	TVBSL7041E–3	TVBSL8041E–3
4'–3 ½"	4'–4"	4–4	TVBSL6044E–3	TVBSL7044E–3	TVBSL8044E–3
4'–11 ½"	5'–0"	5–0	TVBSL6050E–3	TVBSL7050E–3	TVBSL8050E–3
5'–1 ½"	5'–2"	5–2	TVBSL6052E–3	TVBSL7052E–3	TVBSL8052E–3

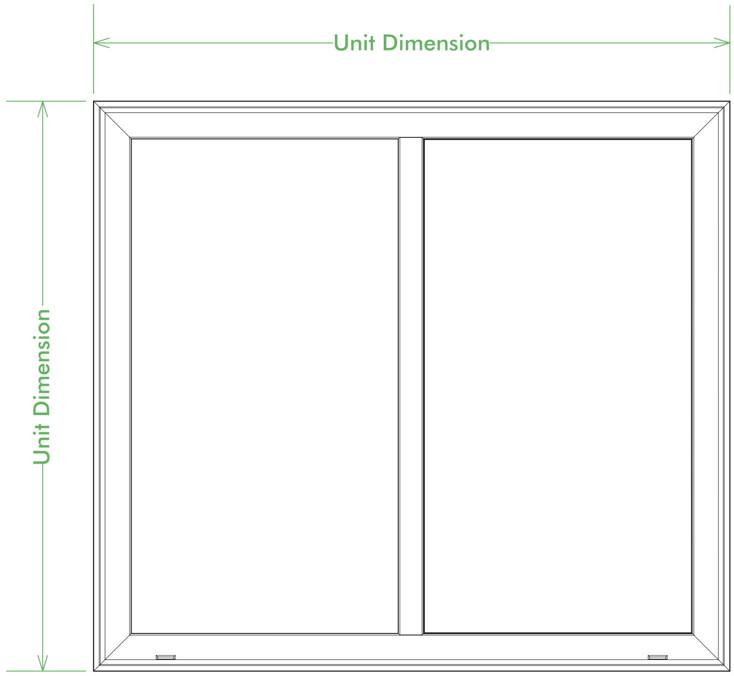
$^1/_4$- $^1/_2$- $^1/_4$ Lite

Widths

Heights: Unit Dimension	Rough Opening	Call Size	5'–11 ½" / 6'–0" / 6–0 3P	6'–11 ½" / 7'–0" / 7–0 3P	7'–11 ½" / 8'–0" / 8–0 3P
1'–11 ½"	2'–0"	2–0	TVBSL6020P–3	TVBSL7020P–3	TVBSL8020P–3
2'–7 ½"	2'–8"	2–8	TVBSL6028P–3	TVBSL7028P–3	TVBSL8028P–3
2'–11 ½"	3'–0"	3–0	TVBSL6030P–3	TVBSL7030P–3	TVBSL8030P–3
3'–5 ½"	3'–6"	3–6	TVBSL6036P–3	TVBSL7036P–3	TVBSL8036P–3
3'–7 ½"	3'–8"	3–8	TVBSL6038P–3	TVBSL7038P–3	TVBSL8038P–3
3'–11 ½"	4'–0"	4–0	TVBSL6040P–3	TVBSL7040P–3	TVBSL8040P–3
4'–½"	4'–1"	4–1	TVBSL6041P–3	TVBSL7041P–3	TVBSL8041P–3
4'–3 ½"	4'–4"	4–4	TVBSL6044P–3	TVBSL7044P–3	TVBSL8044P–3
4'–11 ½"	5'–0"	5–0	TVBSL6050P–3	TVBSL7050P–3	TVBSL8050P–3
5'–1 ½"	5'–2"	5–2	TVBSL6052P–3	TVBSL7052P–3	TVBSL8052P–3

NOTE:
Shaded units satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Sliding Window – Actual Unit Dimensions



Operating & Fixed Units, HEIGHT

CALL SIZE (HEIGHT)	HEIGHT IN INCHES
2-0	23½
2-8	31½
3-0	35½
3-6	41½
4-0	47½
4-1	48½
4-4	51½
5-0	59½
5-2	61½

Single Operating Units, WIDTH

CALL SIZE (WIDTH)	2-6	3-0	3-6	4-0	4-1	5-0	6-0
SINGLE	29½	35½	41½	47½	48½	59½	71½

Transom Units, HEIGHT

CALL SIZE (HEIGHT)	HEIGHT IN INCHES
1-2	13½
1-4	15½
1-8	19½
2-0	23 ½

Triple Operating Units, WIDTH

CALL SIZE (WIDTH)	6-0 3E	7-0 3E	8-0 3E	6-0 3P	7-0 3P	8-0 3P
TRIPLE	71½	83½	95½	71½	83½	95½

Operating Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
VBSL2620	10.500	17.688	1.29	2.6
28	10.500	25.688	1.87	3.8
30	10.500	29.688	2.16	4.4
36	10.500	35.688	2.60	5.3
38	10.500	37.688	2.75	5.6
40	10.500	41.688	3.04	6.2
41	10.500	42.688	3.11	6.3
44	10.500	45.688	3.33	6.8
50	10.500	53.688	3.91	8.0
52	10.500	55.688	4.06	8.3
VBSL3020	13.500	17.688	1.66	3.4
28	13.500	25.688	2.41	4.9
30	13.500	29.688	2.78	5.6
36	13.500	35.688	3.35	6.8
38	13.500	37.688	3.53	7.2
40	13.500	41.688	3.91	7.9
41	13.500	42.688	4.00	8.1
44	13.500	45.688	4.28	8.7
50	13.500	53.688	5.03	10.2
52	13.500	55.688	5.22	10.6
VBSL3620	16.500	17.688	2.03	4.1
28	16.500	25.688	2.94	5.9
30	16.500	29.688	3.40	6.9
36	16.500	35.688	4.09	8.3
38	16.500	37.688	4.32	8.7
40	16.500	41.688	4.78	9.6
41	16.500	42.688	4.89	9.9
44	16.500	45.688	5.24	10.6
50	16.500	53.688	6.15	12.4
52	16.500	55.688	6.38	12.9

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
VBSL4020	19.500	17.688	2.40	4.8
28	19.500	25.688	3.48	7.0
30	19.500	29.688	4.02	8.1
36	19.500	35.688	4.83	9.7
38	19.500	37.688	5.10	10.3
40	19.500	41.688	5.65	11.4
41	19.500	42.688	5.78	11.7
44	19.500	45.688	6.19	12.5
50	19.500	53.688	7.27	14.7
52	19.500	55.688	7.54	15.1
VBSL4120	20.000	17.688	2.46	4.9
28	20.000	25.688	3.57	7.2
30	20.000	29.688	4.12	8.3
36	20.000	35.688	4.96	10.0
38	20.000	37.688	5.23	10.5
40	20.000	41.688	5.79	11.7
41	20.000	42.688	5.93	12.0
44	20.000	45.688	6.35	12.8
50	20.000	53.688	7.46	15.0
52	20.000	55.688	7.73	15.6
VBSL5020	25.500	17.688	3.13	6.3
28	25.500	25.688	4.55	9.1
30	25.500	29.688	5.26	10.6
36	25.500	35.688	6.32	12.7
38	25.500	37.688	6.67	13.4
40	25.500	41.688	7.38	14.9
41	25.500	42.688	7.56	15.2
44	25.500	45.688	8.09	16.3
50	25.500	53.688	9.51	19.1
52	25.500	55.688	9.86	19.8

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
VBSL6020	31.500	17.688	3.87	7.8
28	31.500	25.688	5.62	11.6
30	31.500	29.688	6.49	13.0
36	31.500	35.688	7.81	15.7
38	31.500	37.688	8.24	16.6
40	31.500	41.688	9.12	18.3
41	31.500	42.688	9.34	18.8
44	31.500	45.688	9.99	20.1
50	31.500	53.688	11.74	23.6
52	31.500	55.688	12.18	24.5

NOTE: Units listed in **green** satisfy ICC egress requirements. Check with your local code official to confirm egress requirements in your area.

Triple Operating Units

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
VBSL6020-3E	20.650	17.688	2.50	7.5
28-3E	20.650	25.688	3.70	10.9
30-3E	20.650	29.688	4.30	12.6
36-3E	20.650	35.688	5.10	15.2
38-3E	20.650	37.688	5.40	16.0
40-3E	20.650	41.688	6.00	17.7
41-3E	20.650	42.688	6.10	18.1
44-3E	20.650	45.688	6.60	19.4
50-3E	20.650	53.688	7.70	22.8
52-3E	20.650	55.688	8.00	23.7
VBSL6020-3P	13.964	17.688	1.70	7.5
28-3P	13.964	25.688	2.50	10.9
30-3P	13.964	29.688	2.90	12.6
36-3P	13.964	35.688	3.50	15.2
38-3P	13.964	37.688	3.70	16.1
40-3P	13.964	41.688	4.00	17.8
41-3P	13.964	42.688	4.10	18.2
44-3P	13.964	45.688	4.40	19.5
50-3P	13.964	53.688	5.20	22.9
52-3P	13.964	55.688	5.40	23.7

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
VBSL7020-3E	24.650	17.688	3.00	9.0
28-3E	24.650	25.688	4.40	13.0
30-3E	24.650	29.688	5.10	15.1
36-3E	24.650	35.688	6.10	18.1
38-3E	24.650	37.688	6.50	19.2
40-3E	24.650	41.688	7.10	21.2
41-3E	24.650	42.688	7.30	21.7
44-3E	24.650	45.688	7.80	23.2
50-3E	24.650	53.688	9.20	27.3
52-3E	24.650	55.688	9.50	28.3
VBSL7020-3P	16.964	17.688	2.10	9.0
28-3P	16.964	25.688	3.00	13.1
30-3P	16.964	29.688	3.50	15.1
36-3P	16.964	35.688	4.20	18.2
38-3P	16.964	37.688	4.40	19.2
40-3P	16.964	41.688	4.90	21.2
41-3P	16.964	42.688	5.00	21.7
44-3P	16.964	45.688	5.40	23.3
50-3P	16.964	53.688	6.30	27.3
52-3P	16.964	55.688	6.60	28.4

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
VBSL8020-3E	28.650	17.688	3.50	10.4
28-3E	28.650	25.688	5.10	15.2
30-3E	28.650	29.688	5.90	17.6
36-3E	28.650	35.688	7.10	21.1
38-3E	28.650	37.688	7.50	22.3
40-3E	28.650	41.688	8.30	24.7
41-3E	28.650	42.688	8.50	25.3
44-3E	28.650	45.688	9.10	27.0
50-3E	28.650	53.688	10.70	31.8
52-3E	28.650	55.688	11.10	33.0
VBSL8020-3P	19.964	17.688	2.50	10.5
28-3P	19.964	25.688	3.60	15.2
30-3P	19.964	29.688	4.10	17.6
36-3P	19.964	35.688	4.90	21.1
38-3P	19.964	37.688	5.20	22.3
40-3P	19.964	41.688	5.80	24.7
41-3P	19.964	42.688	5.90	25.3
44-3P	19.964	45.688	6.30	27.1
50-3P	19.964	53.688	7.40	31.8
52-3P	19.964	55.688	7.70	33.0

Sliding Patio Doors–Matching Transom Units

Sliding Doors and Transom Widths

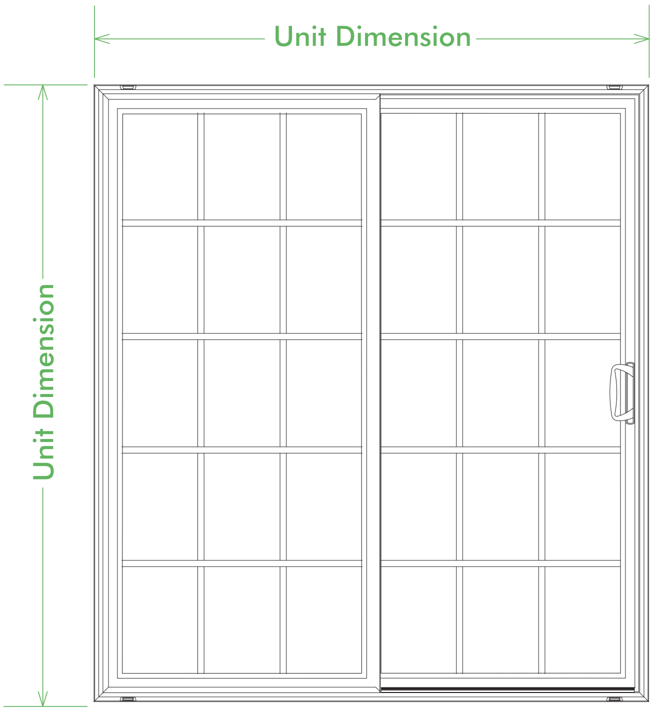
	Unit Dimension	Rough Opening	Call Size	4'–11 ½" / 5'–0" / 5–0	5'–11 ½" / 6'–0" / 6–0	7'–11 ½" / 8'–0" / 8– 0
Sliding Door Transom Heights	1'–1 ½"	1'–2"	1–2	CLSPDRTN5012	CLSPDRTN6012	
	1'–1 ½"	1'–2"	1–2	CLSPDRSGTN5012	CLSPDRSGTN6012	CLSPDRSGTN8012
	1'–3 ½"	1'–4"	1–4	CLSPDRTN5014	CLSPDRTN6014	
	1'–3 ½"	1'–4"	1–4	CLSPDRSGTN5014	CLSPDRSGTN6014	CLSPDRSGTN8014
	1'–7 ½"	1'–8"	1–8	CLSPDRTN5018	CLSPDRTN6018	CLSPDRTN8018
	1'–7 ½"	1'–8"	1–8	CLSPDRSGTN5018	CLSPDRSGTN6018	CLSPDRSGTN8018
	1'–11 ½"	2'–0"	2–0	CLSPDRTN5020	CLSPDRTN6020	CLSPDRTN8020
	1'–11 ½"	2'–0"	2–0	CLSPDRSGTN5020	CLSPDRSGTN6020	CLSPDRSGTN8020
Sliding Door Heights	6'–7 ½"	6'–8"	6–8	CLSPDR5068	CLSPDR6068	CLSPDR8068
	6'–9 ½"	6'–10"	6–10	CLSPDR50610	CLSPDR60610	CLSPDR80610
	7'–11 ½"	8'–0"	8–0	CLSPDR5080	CLSPDR6080	CLSPDR8080

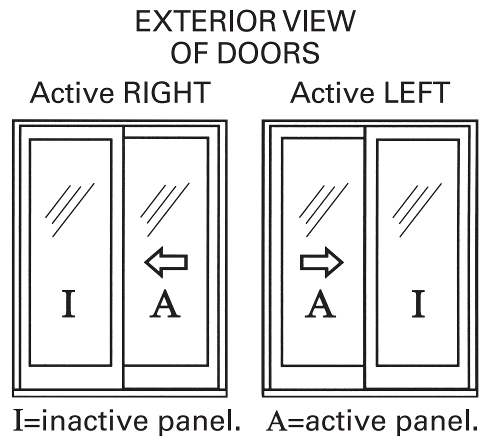
NOTE: Shaded units meet DP +50/-59 structural rating

Stationary Panels and Transom Widths / Sidelight Widths

			Stationary Panels and Transom Widths			Sidelight Widths		
			4'–2 3⁄16"	3'–2 3⁄16"	2'–8 3⁄16"	1'–11 ½"	1'–7 ½"	1'–3 ½"
			4'–2 11⁄16"	3'–2 11⁄16"	2'–8 11⁄16"	2'–0"	1'–8"	1'–4"
			4–0	3–0	2–6	2–0	1–8	1–4
Stationary Transom Heights	1–2	1'–2"	1'–1 ½"	CLSPDRTN4012	CLSPDRTN3012	CLSPDRTN2612			
	1–4	1'–4"	1'–3 ½"	CLSPDRTN4014	CLSPDRTN3014	CLSPDRTN2614			
	1–8	1'–8"	1'–7 ½"	CLSPDRTN4018	CLSPDRTN3018	CLSPDRTN2618			
	2–0	2'–0"	1'–11 ½"	CLSPDRTN4020	CLSPDRTN3020	CLSPDRTN2620			
Stationary and Sidelight Heights	6–8	6'–8"	6'–7 ½"	CLSPDR4068	CLSPDR3068	CLSPDR2668	CLSPSL2068	CLSPSL1868	CLSPSL1468
	6–10	6'–10"	6'–9 ½"	CLSPDR40610	CLSPDR30610	CLSPDR26610	CLSPSL20610	CLSPSL18610	
	8–0	8'–0"	7'–11 ½"	CLSPDR4080	CLSPDR3080	CLSPDR2680	CLSPSL2080	CLSPSL1880	

Sliding Patio Door – Actual Unit Dimensions





NOTE: 8–0 Height sliding patio doors are not reversible.

Door, Sidelight & Fixed Panel Units, HEIGHT

CALL SIZE (HEIGHT)	HEIGHT IN INCHES
6-8	79½
6-10	81½
8-0	95½

Transom Units, HEIGHT

CALL SIZE (HEIGHT)	HEIGHT IN INCHES
1-2	13½
1-4	15½
1-8	19½
2-0	23 ½

Door & Fixed Panel Units, WIDTH

CALL SIZE (WIDTH)	2-6	3-0	4-0	5-0	6-0	8-0
Width in Inches	32 3/16	38 3/16	50 3/16	59 1/2	71 1/2	95 1/2

Sidelight Units, WIDTH

CALL SIZE (WIDTH)	1-4	1-8	2-0
Width in Inches	15 1/2	19 1/2	23 1/2

Transom Units, WIDTH

CALL SIZE (WIDTH)	2-6	3-0	4-0	5-0*	6-0*	8-0*
Width in Inches	32 3/16	38 3/16	50 3/16	59 1/2	71 1/2	95 1/2

*Available as single transom units or segmented twin transom units.

Door Units

w/Standard Hardware

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
CLSPDR5068	23.031	75.772	12.12	24.8
50610	23.031	77.772	12.44	25.5
5080	23.031	91.772	14.68	30.3
6068	29.031	75.772	15.28	30.8
60610	29.031	77.772	15.68	31.6
6080	29.031	91.772	18.50	37.6
8068	41.031	75.772	21.59	42.8
80610	41.031	77.772	22.16	44.0
8080	41.031	91.772	26.15	52.3

w/ADA Hardware

Call Size	Clear Opening Width	Clear Opening Height	Clear Opening S.F.	Daylight Opening S.F.
CLSPDR5068	26.000	75.772	13.68	24.8
50610	26.000	77.772	14.04	25.5
5080	26.000	91.772	16.57	30.3
6068	32.000	75.772	16.84	30.8
60610	32.000	77.772	17.28	31.6
6080	32.000	91.772	20.39	37.6
8068	44.000	75.772	23.15	42.8
80610	44.000	77.772	23.76	44.0
8080	44.000	91.772	28.04	52.3

NOTE: ADA Ramp Rise=1.374” and Run=14.000”

Transom Units

Call Size	Daylight Opening S.F.
CLSPDRTN26 12	1.0
14	1.4
18	2.1
20	2.8
CLSPDRTN30 12	1.3
14	1.7
18	2.6
20	3.4
CLSPDRTN40 12	1.8
14	2.4
18	3.6
20	4.8

Call Size	Daylight Opening S.F.
CLSPDRTN50 12	2.2
14	2.9
18	4.4
20	5.8
CLSPDRTN60 12	2.7
14	3.6
18	5.4
20	7.1
CLSPDRTN80 18	7.4
20	9.8

Segmented Transom Units

Call Size	Daylight Opening S.F.
CLSPDRSGTN50 12	0.9
14	1.2
18	1.8
20	2.5
CLSPDRSGTN60 12	1.2
14	1.6
18	2.4
20	3.1
CLSPDRSGTN80 12	1.7
14	2.2
18	3.4
20	4.5

Fixed Panel Units

Call Size	Daylight Opening S.F.
CLSPDR26 68	12.4
610	12.7
80	15.1
CLSPDR30 68	15.4
610	15.8
80	18.8
CLSPDR40 68	21.4
610	22.0
80	26.1

Sidelight Units

Call Size	Daylight Opening S.F.
CLSPSL14 68	4.0
CLSPSL18 68	6.0
610	6.2
80	7.4
CLSPSL20 68	8.0
610	8.3
80	9.8

For more information, call 888-9PLYGEM. 3703135251102/RevB/MS/CG/0817