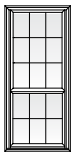
EnduraShield Fiberglass Double Hung Windows
1 - Wide Units

Unit Dimension			1'-5 1/2"	1'-11 1/2"	2'-5 1/2"	2'-7 1/2"	2'-11 1/2"	3'-5 1/2"	3'-11 1/2"
		Rough Opening	**1'-6"**	**2'-0"**	**2'-6"**	**2'-8"**	**3'-0"**	**3'-6"**	**4'-0"**
		Soft Metric R.O. (mm)	457	610	762	813	914	1067	1219
		Glass Size	11 5/8"	17 5/8"	23 5/8"	25 5/8"	29 5/8"	35 5/8"	41 5/8"
2'-11 1/2"	**3'-0"**	914	14 1/2"						
			1630	2030	2630	2830	3030	3630	4030
3'-5 1/2"	**3'-6"**	1067	17 1/2"						
			1636	2036	2636	2836	3036	3636	4036
3'-11 1/2"	**4'-0"**	1219	20 1/2"						
			1640	2040	2640	2840	3040	3640	4040
4'-5 1/2"	**4'-6"**	1372	23 1/2"						
			1646	2046	2646	2846	3046	3646	4046
4'-11 1/2"	**5'-0"**	1524	26 1/2"						
			1650	2050	2650	2850	3050	3650*	4050*
5'-5 1/2"	**5'-6"**	1676	29 1/2"						
			1656	2056	2656	2856	3056*	3656*	4056*
5'-11 1/2"	**6'-0"**	1829	32 1/2"						
			1660	2060	2660	2860*	3060*	3660*	4060*
6'-5 1/2"	**6'-6"**	1981	35 1/2"						
			1666	2066	2666*	2866*	3066*	3666*	4066*

Optional Sash Configurations

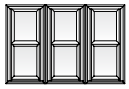
COTT-2656
Cottage Sash Configuration



ORIE-2656
Oriel Sash Configuration

2 - Wide Units

Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
DH2-16	2'-11 1/2"	3'-0"	914
DH2-20	3'-11 1/2"	4'-0"	1219
DH2-26	4'-11 1/2"	5'-0"	1524
DH2-28	5'-3 1/2"	5'-4"	1626
DH2-30	5'-11 1/2"	6'-0"	1829



3 - Wide Units

Base Code	Unit Dimension (Frame Size)	Rough Opening	Soft Metric R.O. (mm)
DH3-16	4'-5 1/2"	4'-6"	1372
DH3-20	5'-11 1/2"	6'-0"	1829
DH3-26	7'-5 1/2"	7'-6"	2286
DH3-28	7'-11 1/2"	8'-0"	2438
DH3-30	8'-11 1/2"	9'-0"	2743

Standard Colonial Grille Patterns Shown

* Units meet or exceed egress code requirements of 20" clear opening width, 24" clear opening height and 5.7 sq. ft. or larger opening. Local codes may vary.

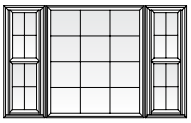
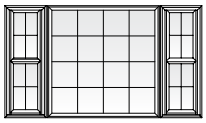
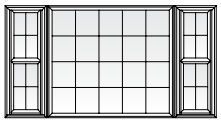
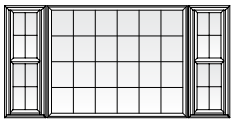
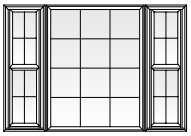
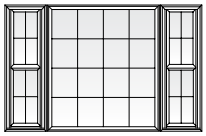
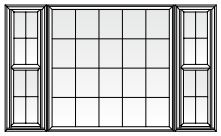
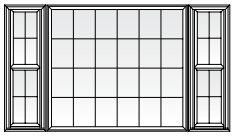
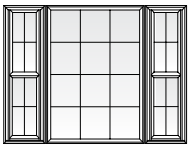
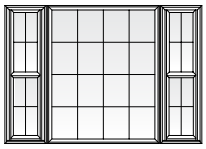
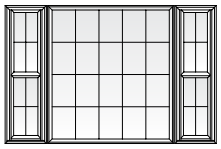
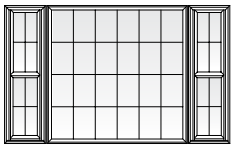
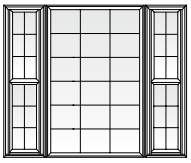
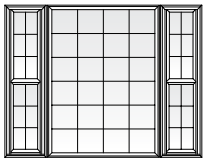
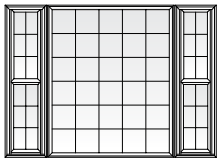
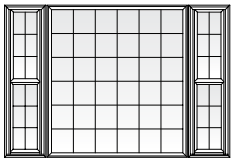
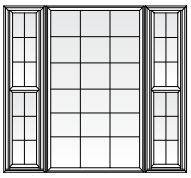
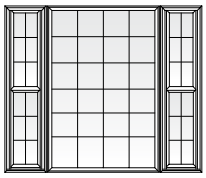
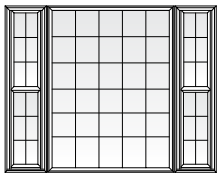
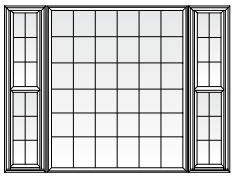
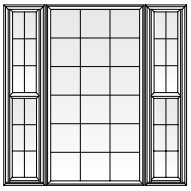
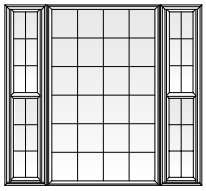
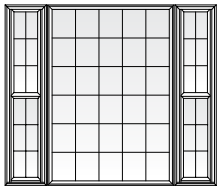
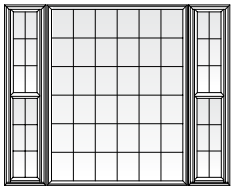
EnduraShield Fiberglass Double Hung Windows
Picture Windows - Direct-Set

Unit Dimension	2'-11 1/2"	3'-5 1/2"	3'-11 1/2"	4'-5 1/2"	4'-11 1/2"	5'-11 1/2"
Rough Opening	**3'-0"**	**3'-6"**	**4'-0"**	**4'-6"**	**5'-0"**	**6'-0"**
Soft Metric R.O. (mm)	914	1067	1219	1372	1524	1829
Glass Size	32 3/4"	38 3/4"	44 3/4"	50 3/4"	56 3/4"	68 3/4"
2'-11 1/2" / **3'-0"** / 914 / 32 1/4"	3030	3630	4030	4630	5030	6030
3'-5 1/2" / **3'-6"** / 1067 / 38 1/4"	3036	3636	4036	4636	5036	6036
3'-11 1/2" / **4'-0"** / 1219 / 44 1/4"	3040	3640	4040	4640	5040	6040
4'-5 1/2" / **4'-6"** / 1372 / 50 1/4"	3046	3646	4046	4646	5046	6046
4'-11 1/2" / **5'-0"** / 1524 / 56 1/4"	3050	3650	4050	4650	5050	6050
5'-5 1/2" / **5'-6"** / 1676 / 62 1/4"	3056	3656	4056	4656	5056	6056
5'-11 1/2" / **6'-0"** / 1829 / 68 1/4"	3060	3660	4060	4660	5060	6060
6'-5 1/2" / **6'-6"** / 1981 / 74 1/4"	3066	3666	4066	4666	5066	6066

Standard Colonial Grille Patterns Shown

* Units meet or exceed egress code requirements of 20" clear opening width, 24" clear opening height and 5.7 sq. ft. or larger opening. Local codes may vary.

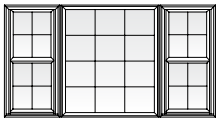
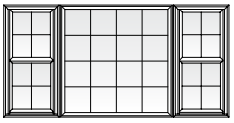
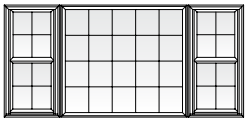
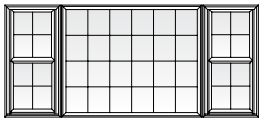
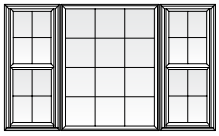
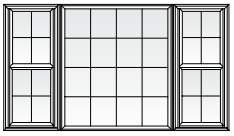
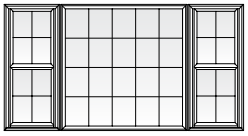
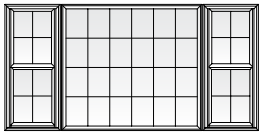
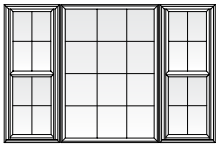
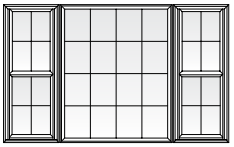
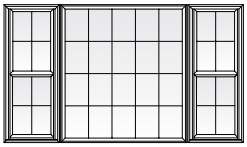
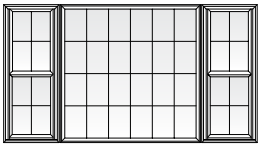
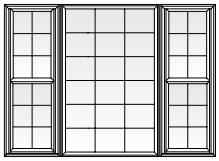
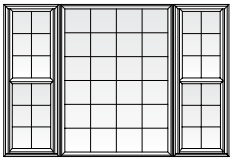
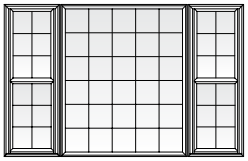
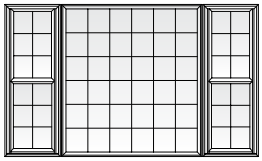
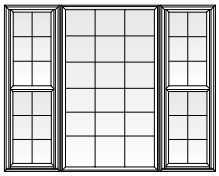
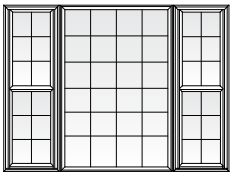
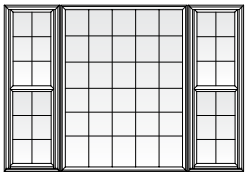
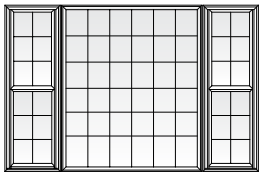
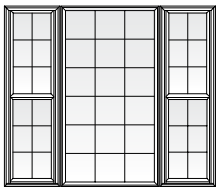
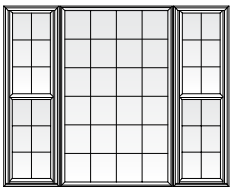
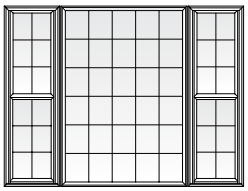
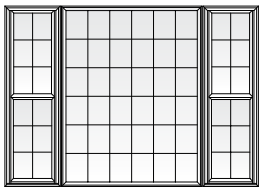
EnduraShield Fiberglass Double Hung Windows
Picture Combinations - 1-6 Flankers

Unit Dimension			6'-5 1/2"	6'-11 1/2"	7'-5 1/2"	7'-11 1/2"
	Rough Opening		**6'-6"**	**7'-0"**	**7'-6"**	**8'-0"**
	Soft Metric R.O. (mm)		1981	2134	2286	2438
	Glass Size		13 3/8" - 38 3/4" - 13 3/8"	13 3/8" - 44 3/4" - 13 3/8"	13 3/8" - 50 3/4" - 13 3/8"	13 3/8" - 56 3/4" - 13 3/8"
3'-11 1/2"	**4'-0"**	1219	43 3/8"			
			 163640	 164040	 164640	 165040
4'-5 1/2"	**4'-6"**	1372	49 3/8"			
			 163646	 164046	 164646	 165046
4'-11 1/2"	**5'-0"**	1524	55 3/8"			
			 163650	 164050	 164650	 165050
5'-5 1/2"	**5'-6"**	1676	61 3/8"			
			 163656	 164056	 164656	 165056
5'-11 1/2"	**6'-0"**	1829	67 3/8"			
			 163660	 164060	 164660	 165060
5'-5 1/2"	**5'-6"**	1676	62 1/4"			
			 163666	 164066	 164666	 165066

Standard Colonial Grille Patterns Shown

* Units meet or exceed egress code requirements of 20" clear opening width, 24" clear opening height and 5.7 sq. ft. or larger opening. Local codes may vary.

EnduraShield Fiberglass Double Hung Windows
Picture Windows - Direct-Set

Unit Dimension			7'-5 1/2"	7'-11 1/2"	8'-5 1/2"	8'-11 1/2"
		Rough Opening	**7'-6"**	**8'-0"**	**8'-6"**	**9'-0"**
		Soft Metric R.O. (mm)	2286	2438	2591	2743
		Glass Size	19 3/8" - 38 3/4" - 19 3/8"	19 3/8" - 44 3/4" - 19 3/8"	19 3/8" - 50 3/4" - 19 3/8"	19 3/8" - 56 3/4" - 19 3/8"
3'-11 1/2"	**4'-0"** 1219	43 3/8"	 203640	 204040	 204640	 205040
4'-5 1/2"	**4'-6"** 1372	49 3/8"	 203646	 204046	 204646	 205046
4'-11 1/2"	**5'-0"** 1524	55 3/8"	 203650	 204050	 204650	 205050
5'-5 1/2"	**5'-6"** 1676	61 3/8"	 203656	 204056	 204656	 205056
5'-11 1/2"	**6'-0"** 1829	67 3/8"	 203660	 204060	 204660	 205060
5'-5 1/2"	**5'-6"** 1676	62 1/4"	 203666	 204066	 204666	 205066

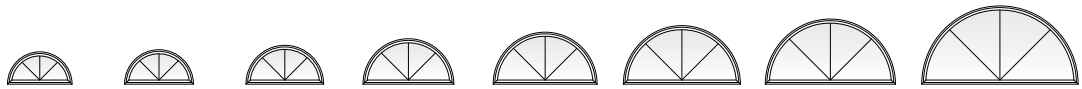
Standard Colonial Grille Patterns Shown

* Units meet or exceed egress code requirements of 20" clear opening width, 24" clear opening height and 5.7 sq. ft. or larger opening. Local codes may vary.

EnduraShield Fiberglass Double Hung Windows
Direct-Set Transoms

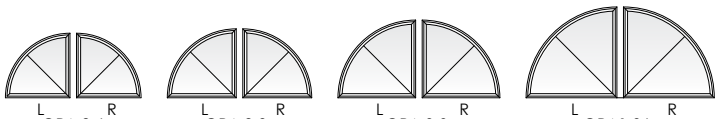
Unit Dimension	1'-5 1/2"	1'-11 1/2"	2'-5 1/2"	2'-7 1/2"	2'-11 1/2"	3'-5 1/2"	3'-11 1/2"	4'-5 1/2"	4'-11 1/2"	5'-11 1/2"
Rough Opening	**1'-6"**	**2'-0"**	**2'-6"**	**2'-8"**	**3'-0"**	**3'-6"**	**4'-0"**	**4'-6"**	**5'-0"**	**6'-0"**
Soft Metric R.O. (mm)	457	610	762	813	914	1067	1219	1372	1524	1829
Glass Size	14 3/4"	20 3/4"	26 3/4"	28 3/4"	32 3/4"	38 3/4"	44 3/4"	50 3/4"	56 3/4"	68 3/4"
1'-0 1/2" / **1'-1"** / 330 / 9 1/4"	1611	2011	2611	2811	3011	3611	4011	4611	5011	6011
1'-5 1/2" / **1'-6"** / 457 / 14 1/4"	1616	2016	2616	2816	3016	3616	4016	4616	5016	6016
1'-11 1/2" / **2'-0"** / 610 / 20 1/4"	1620	2020	2620	2820	3020	3620	4020	4620	5020	6020
2'-5 1/2" / **2'-6"** / 762 / 26 1/4"	1626	2026	2626	2826	3026	3626	4026	4626	5026	6026
2'-11 1/2" / **3'-0"** / 902 / 32 1/4"	1630	2030	2630	2830	3030	3630	4030	4630	5030	6030

EnduraShield Fiberglass Double Hung Windows
Direct-Set Half Circle



	HRA 2-6	HRA 2-8	HRA 3-0	HRA 3-6	HRA 4-0	HRA 4-6	HRA 5-0	HRA 6-0
Unit Dimension Height	2'-5 1/2" x 1'-2 3/4"	2'-7 1/2" x 1'-3 3/4"	2'-11 1/2" x 1'-5 3/4"	3'-5 1/2" x 1'-8 3/4"	3'-11 1/2" x 1'-11 3/4"	4'-5 1/2" x 2'-2 3/4"	4'-11 1/2" x 2'-5 3/4"	5'-11 1/2" x 2'-11 3/4"
Rough Opening Height	**2'-6" x 1'-3 1/4"**	**2'-8" x 1'-4 1/4"**	**3'-0" x 1'-6 1/4"**	**3'-6" x 1'-9 1/4"**	**4'-0" x 2'-0 1/4"**	**4'-6" x 2'-3 1/4"**	**5'-0" x 2'-6 1/4"**	**6'-0" x 3'-0 1/4"**
Soft Metric R.O. Height (mm)	762 x 381	813 x 413	914 x 457	1067 x 534	1219 x 610	1372 x 692	1524 x 762	1829 x 915

EnduraShield Fiberglass Double Hung Windows
Direct-Set Quarter Circle



	QRA 2-6	QRA 2-8	QRA 3-0	QRA1-36
Unit Dimension	2'-5 1/2" x 2'-5 1/2"	2'-7 1/2" x 2'-7 1/2"	2'-11 1/2" x 2'-11 1/2"	3'-5 1/2" x 3'-5 1/2"
Rough Opening	**2'-6" x 2'-6"**	**2'-8" x 2'-8"**	**3'-0" x 3'-0"**	**3'-6" x 3'-6"**
Soft Metric R.O. (mm)	762 x 762	813 x 813	914 x 914	1067 x 1067

Standard Colonial Grille Patterns Shown