























































DOUBLE HUNG G2

MO (mm)	1'9 3/4 (552)	2-1 3/4 (654)	2-5 3/4 (756)	2-7 3/4 (806)	2-9 3/4 (857)	2-11 3/4 (908)
RO (mm)	1-10 1/4 (565)	2-2 1/4 (667)	2-6 1/4 (768)	2-8 1/4 (819)	2-10 1/4 (870)	3-0 1/4 (921)
FS (mm)	1-9 1/4 (540)	2-1 1/4 (641)	2-5 1/4 (743)	2-7 1/4 (794)	2-9 1/4 (845)	2-11 1/4 (895)
DLO (mm)	14 47/64 (347)	18 47/64 (476)	22 47/64 (577)	24 47/64 (628)	26 47/64 (679)	28 47/64 (730)
2-7 3/4 (806) 2-8 (813) 2-7 1/2 (800) 10 3/4 (273)	 UDHG2 1612	 UDHG2 2012	 UDHG2 2412	 UDHG2 2612	 UDHG2 2812	 UDHG2 3012
2-11 3/4 (908) 3-0 (914) 2-11 1/2 (902) 12 3/4 (324)	 UDHG2 1614	 UDHG2 2014	 UDHG2 2414	 UDHG2 2614	 UDHG2 2814	 UDHG2 3014
3-3 3/4 (1010) 3-4 (1016) 3-3 1/2 (1003) 14 3/4 (375)	 UDHG2 1616	 UDHG2 2016	 UDHG2 2416	 UDHG2 2616	 UDHG2 2816	 UDHG2 3016
3-7 3/4 (1111) 3-8 (1118) 3-7 1/2 (1105) 16 3/4 (425)	 UDHG2 1618	 UDHG2 2018	 UDHG2 2418	 UDHG2 2618	 UDHG2 2818	 UDHG2 3018
3-11 3/4 (1213) 4-0 (1219) 3-11 1/2 (1207) 18 3/4 (476)	 UDHG2 1620	 UDHG2 2020	 UDHG2 2420	 UDHG2 2620	 UDHG2 2820	 UDHG2 3020
4-3 3/4 (1314) 4-4 (1321) 4-3 1/2 (1308) 20 3/4 (527)	 UDHG2 1622	 UDHG2 2022	 UDHG2 2422	 UDHG2 2622	 UDHG2 2822	 UDHG2 3022
4-7 3/4 (1416) 4-8 (1422) 4-7 1/2 (1410) 22 3/4 (578)	 UDHG2 1624	 UDHG2 2024	 UDHG2 2424	 UDHG2 2624	 UDHG2 2824	 UDHG2 3024
4-11 3/4 (1518) 5-0 (1524) 4-11 1/2 (1511) 24 3/4 (629)	 UDHG2 1626	 UDHG2 2026	 UDHG2 2426	 UDHG2 2626	 UDHG2 2826	 UDHG2 3026
5-3 3/4 (1619) 5-4 (1626) 5-3 1/2 (1613) 26 3/4 (679)	 UDHG2 1628	 UDHG2 2028	 UDHG2 2428	 UDHG2 2628	 UDHG2 2828	 UDHG2 3028 E
































































MULTIPLE ASSEMBLY CONVERSIONS

ROUGH OPENING		MASONRY OPENING WITHOUT BMC	
Width	Height	Width	Height
Add all frame sizes plus 1" (25)	Add frame sizes plus 1/2" (13)	Add all frame sizes plus 1/2" (13)	Add frame sizes plus 1/4" (6)

Ultimate Double Hung G2: UDHG2







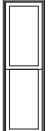





























DOUBLE HUNG G2

MO (mm)	3-1 3/4 (959)	3-5 3/4 (1060)	3-9 3/4 (1162)	4-1 3/4 (1264)	4-5 3/4 (1365)	4-11 3/4 (1518)	5-5 3/4 (1670)
RO (mm)	3-2 1/4 (972)	3-6 1/4 (1073)	3-10 1/4 (1175)	4-2 1/4 (1276)	4-6 1/4 (1378)	5-0 1/4 (1530)	5-6 1/4 (1683)
FS (mm)	3-1 1/4 (946)	3-5 1/4 (1048)	3-9 1/4 (1149)	4-1 1/4 (1251)	4-5 1/4 (1353)	4-11 1/4 (1505)	5-5 1/4 (1657)
DLO (mm)	30 47/64 (781)	34 47/64 (882)	38 47/64 (984)	42 47/64 (1085)	46 47/64 (984)	52 47/64 (984)	58 47/64 (1492)

2-7 3/4 (806) 2-8 (813) 2-7 1/2 (800) 10 3/4 (273)							
UDHG2 3212	UDHG2 3612	UDHG2 4012	UDHG2 4412	UDHG2 4812	UDHG2 5412	UDHG2 6012	
2-11 3/4 (908) 3-0(914) 3-11 1/2 (902) 12 3/4 (324)							
UDHG2 3214	UDHG2 3614	UDHG2 4014	UDHG2 4414	UDHG2 4814	UDHG2 5414	UDHG2 6014	
3-3 3/4 (1010) 3-4 (1016) 3-3 1/2 (1003) 14 3/4 (375)							
UDHG2 3216	UDHG2 3616	UDHG2 4016	UDHG2 4416	UDHG2 4816	UDHG2 5416	UDHG2 6016	
3-7 3/4 (1111) 3-8 (1118) 3-7 1/2 (1105) 16 3/4 (425)							
UDHG2 3218	UDHG2 3618	UDHG2 4018	UDHG2 4418	UDHG2 4818	UDHG2 5418	UDHG2 6018	
3-11 3/4 (1213) 4-0 (1219) 3-11 1/2 (1207) 18 3/4 (476)							
UDHG2 3220	UDHG2 3620	UDHG2 4020	UDHG2 4420	UDHG2 4820	UDHG2 5420	UDHG2 6020	
4-3 3/4 (1314) 4-4 (1321) 4-3 1/2 (1308) 20 3/4 (627)							
UDHG2 3222	UDHG2 3622	UDHG2 4022	UDHG2 4422	UDHG2 4822	UDHG2 5422	UDHG2 6022	
4-7 3/4 (1416) 4-8 (1422) 4-7 1/2 (1410) 22 3/4 (578)							
UDHG2 3224	UDHG2 3624	UDHG2 4024	UDHG2 4424	UDHG2 4824	UDHG2 5424	UDHG2 6024	
4-11 3/4 (1518) 5-0 (1524) 4-11 1/2 (1511) 24 3/4 (629)							
UDHG2 3226 E	UDHG2 3626 E	UDHG2 4026 E	UDHG2 4426 E	UDHG2 4826 E	UDHG2 5426 E	UDHG2 6026 E	
5-3 3/4 (1619) 5-4 (1626) 5-3 1/2 (1613) 28 3/4 (679)							
UDHG2 3228 E	UDHG2 3628 E	UDHG2 4028 E	UDHG2 4428 E	UDHG2 4828 E	UDHG2 5428 E	UDHG2 6028 E	

DOUBLE HUNG G2

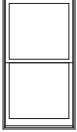






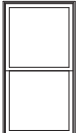






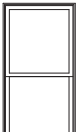






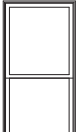






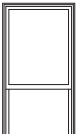






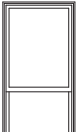






MO (mm)	1-9 3/4 (552)	2-1 3/4 (654)	2-5 3/4 (756)	2-7 3/4 (806)	2-9 3/4 (857)	2-11 3/4 (908)
RO (mm)	1-10 1/4 (565)	2-2 1/4 (667)	2-6 1/4 (768)	2-8 1/4 (819)	2-10 1/4 (870)	3-0 1/4 (921)
FS (mm)	1-9 1/4 (540)	2-1 1/4 (641)	2-5 1/4 (743)	2-7 1/4 (794)	2-9 1/4 (845)	2-11 1/4 (895)
DLO (mm)	14 47/64 (347)	18 47/64 (476)	22 47/64 (577)	24 47/64 (628)	26 47/64 (679)	28 47/64 (730)

5-7 3/4 (1721) 5-8 (1727) 5-7 1/2 (1715) 28 3/4 (730)						
UDHG2 1630	UDHG2 2030	UDHG2 2430	UDHG2 2630	UDHG2 2830 E	UDHG2 3030 E	
5-11 3/4 (1822) 6-0 (1829) 5-11 1/2 (1816) 30 3/4 (781)						
UDHG2 1632	UDHG2 2032	UDHG2 2432	UDHG2 2632 E	UDHG2 2832 E	UDHG2 3032 E	
6-3 3/4 (1924) 6-4 (1930) 6-3 1/2 (1918) 32 3/4 (832)						
UDHG2 1634	UDHG2 2034	UDHG2 2434 E	UDHG2 2634 E	UDHG2 2834 E	UDHG2 3034 E	
6-7 3/4 (2026) 6-8 (2032) 6-7 1/2 (2019) 34 3/4 (883)						
UDHG2 1636	UDHG2 2036	UDHG2 2436 E	UDHG2 2636 E	UDHG2 2836 E	UDHG2 3036 E	
7-3 3/4 (2229) 7-4 (2235) 7-3 1/2 (2223) 38 3/4 (984)						
UDHG2 1640	UDHG2 2040	UDHG2 2440 E	UDHG2 2640 E	UDHG2 2840 E	UDHG2 3040 E	
7-7 3/4 (2330) 7-8 (2337) 7-7 1/2 (2324) 40 3/4 (1035)						
UDHG2 1642	UDHG2 2042	UDHG2 2442 E	UDHG2 2642 E	UDHG2 2842 E	UDHG2 3042 E	

Details and Elevations not to scale.
 E These windows meet national Egress codes for fire evacuation.
 Local codes may differ.
 Please consult your local Marvin representative for more information.
 For further details and drawings visit the 'Tools and Documents'
 section at Marvin.com.

DOUBLE HUNG G2

MO (mm)	3-1 3/4 (959)	3-5 3/4 (1060)	3-9 3/4 (1162)	4-1 3/4 (1264)	4-5 3/4 (1365)	4-11 3/4 (1518)	5-5 3/4 (1670)
RO (mm)	3-2 1/4 (972)	3-6 1/4 (1073)	3-10 1/4 (1175)	4-2 1/4 (1276)	4-6 1/4 (1378)	5-0 1/4 (1530)	5-6 1/4 (1683)
FS (mm)	3-1 1/4 (946)	3-5 1/4 (1048)	3-9 1/4 (1149)	4-1 1/4 (1251)	4-5 1/4 (1353)	4-11 1/4 (1505)	5-5 1/4 (1657)
DLO (mm)	30 47/64 (781)	34 47/64 (882)	38 47/64 (984)	42 47/64 (1085)	46 47/64 (984)	52 47/64 (984)	58 47/64 (1492)

5-7 3/4 (1721) 5-8 (1727) 5-7 1/2 (1715) 28 3/4 (730)							
5-11 3/4 (1822) 6-0 (1828) 5-11 1/2 (1816) 30 3/4 (781)							
6-3 3/4 (1924) 6-4 (1930) 6-3 1/2 (1918) 32 3/4 (832)							
6-7 3/4 (2026) 6-8 (2032) 6-7 1/2 (2019) 34 3/4 (883)							
7-3 3/4 (2229) 7-4 (2235) 7-3 1/2 (2223) 38 3/4 (984)							
7-7 3/4 (2330) 7-8 (2337) 7-7 1/2 (2324) 40 3/4 (1035)							

Details and Elevations not to scale.

E These windows meet national Egress codes for fire evacuation.

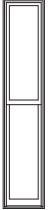
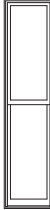




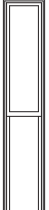





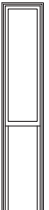









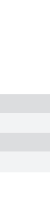

Local codes may differ.

Please consult your local Marvin representative for more information.

For further details and drawings visit the 'Tools and Documents' section at Marvin.com.






DOUBLE HUNG G2

MO (mm)	1-9 3/4 (552)	2-1 3/4 (654)	2-5 3/4 (756)	2-7 3/4 (806)	2-9 3/4 (857)	2-11 3/4 (908)
RO (mm)	1-10 1/4 (565)	2-2 1/4 (667)	2-6 1/4 (768)	2-8 1/4 (819)	2-10 1/4 (870)	3-0 1/4 (921)
FS (mm)	1-9 1/4 (540)	2-1 1/4 (641)	2-5 1/4 (743)	2-7 1/4 (794)	2-9 1/4 (845)	2-11 1/4 (895)
DLO (mm)	14 47/64 (347)	18 47/64 (476)	22 47/64 (577)	24 47/64 (628)	26 47/64 (679)	28 47/64 (730)

8-11 3/4 (2737)						
9-0 (2743)	UDHG2 1650	UDHG2 2050	UDHG2 2450 E	UDHG2 2650 E	UDHG2 2850 E	UDHG2 3050 E
8-11 1/2 (2731)						
9-11 3/4 (3042)	UDHG2 1656	UDHG2 2056	UDHG2 2456 E	UDHG2 2656 E	UDHG2 2856 E	UDHG2 3056 E
10-0 (3048)						
9-11 1/2 (3035)	UDHG2 1660	UDHG2 2060	UDHG2 2460 E	UDHG2 2660 E	UDHG2 2860 E	UDHG2 3060 E
58 3/4 (1238)						
10-7 3/4 (3245)	UDHG2 1660	UDHG2 2060	UDHG2 2460 E	UDHG2 2660 E	UDHG2 2860 E	UDHG2 3060 E
10-8 (3251)						
10-7 1/2 (3239)						
58 3/4 (1492)						

COTTAGE STYLE*

MO (mm)	1-9 3/4 (552)	2-1 3/4 (654)	2-5 3/4 (756)	2-7 3/4 (806)	2-9 3/4 (857)
RO (mm)	1-10 1/4 (565)	2-2 1/4 (667)	2-6 1/4 (768)	2-8 1/4 (819)	2-10 1/4 (870)
FS (mm)	1-9 1/4 (540)	2-1 1/4 (641)	2-5 1/4 (743)	2-7 1/4 (794)	2-9 1/4 (845)
DLO (mm)	14 47/64 (347)	18 47/64 (476)	22 47/64 (577)	24 47/64 (628)	26 47/64 (679)

5-7 3/4 (1721)					
5-8 (1727)	UDHG2 1624/36	UDHG2 2024/36	UDHG2 2424/36	UDHG2 2624/36	UDHG2 2824/36
5-7 1/2 (1715)					
22 3/4 (578)/34 3/4 (883)					

* Cottage Formula:

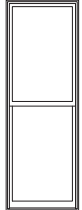






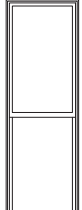





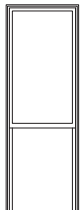





1. Select the standard size double hung that will fit the rough opening
2. Subtract 7 1/2" (191) from the frame size height to get total glass height
3. Multiply the total glass height by the desired top sash ratio, this is the top sash glass height
4. Subtract the top sash height from the total glass height, this is the bottom sash glass height

EXAMPLE:

1. UDHG2 with a 0.400 top sash ratio (²/₅ - ³/₅) cottage style. If the rough opening is 2'-2 1/4" x 4' (RO for a CUDH 2020) the frame size will be 25 1/4" x 47 1/2"
2. 47 1/2" - 7 1/2" = 40"
3. 40" multiplied by 0.400 (²/₅) = 16"
4. 40" - 16" = 24"
5. The top sash will be a 2016 and the bottom sash will be a 2024. The call number for the example is: UDHG2 2016-24

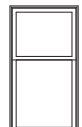
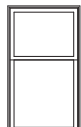
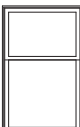

DOUBLE HUNG G2

MO (mm)	3-1 3/4 (959)	3-5 3/4 (1060)	3-9 3/4 (1162)	4-1 3/4 (1264)	4-5 3/4 (1365)	4-11 3/4 (1518)	5-5 3/4 (1670)
RO (mm)	3-2 1/4 (972)	3-6 1/4 (1073)	3-10 1/4 (1175)	4-2 1/4 (1276)	4-6 1/4 (1378)	5-0 1/4 (1530)	5-6 1/4 (1683)
FS (mm)	3-1 1/4 (946)	3-5 1/4 (1048)	3-9 1/4 (1149)	4-1 1/4 (1251)	4-5 1/4 (1353)	4-11 1/4 (1505)	5-5 1/4 (1657)
DLO (mm)	30 47/64 (781)	34 47/64 (882)	38 47/64 (984)	42 47/64 (1085)	46 47/64 (984)	52 47/64 (984)	58 47/64 (1492)

<p>8-11 3/4 (2737) 9-0 (2743) 8-11 1/2 (2731) 48 3/4 (1238)</p>							
	UDHG2 3250 E	UDHG2 3650 E	UDHG2 4050 E	UDHG2 4450 E	UDHG2 4850 E	UDHG2 5450 E	UDHG2 6050 E
	<p>9-11 3/4 (3042) 10-0 (3048) 9-11 1/2 (3035) 54 3/4 (1391)</p>						
UDHG2 3256 E		UDHG2 3656 E	UDHG2 4056 E	UDHG2 4456 E	UDHG2 4856 E	UDHG2 5456 E	UDHG2 6056 E
<p>10-7 3/4 (3245) 10-8 (3251) 10-7 1/2 (3239) 58 3/4 (1492)</p>							
	UDHG2 3260 E	UDHG2 3660 E	UDHG2 4060 E	UDHG2 4460 E	UDHG2 4860 E	UDHG2 5460	UDHG2 6060 E

COTTAGE STYLE*

MO (mm)	2-11 3/4 (908)	3-1 3/4 (959)	3-5 3/4 (1060)	3-9 3/4 (1162)
RO (mm)	3-0 1/4 (921)	3-2 1/4 (972)	3-6 1/4 (1073)	3-10 1/4 (1175)
FS (mm)	2-11 1/4 (895)	3-1 1/4 (946)	3-5 1/4 (1048)	3-9 1/4 (1149)
DLO (mm)	28 47/64 (730)	30 47/64 (781)	34 47/64 (882)	38 47/64 (984)

<p>5-7 3/4 (1721) 5-8 (1727) 5-7 1/2 (1715) 22 3/4 (578)/34 3/4 (883)</p>				
	UDHG2 3024/36	UDHG2 3224/36	UDHG2 3624/36	UDHG2 4024/36

Details and Elevations not to scale.

E These windows meet national Egress codes for fire evacuation. Local codes may differ.

* Cottage Formula:

1. Select the standard size double hung that will fit the rough opening
2. Subtract 7 1/2" (191) from the frame size height to get total glass height
3. Multiply the total glass height by the desired top sash ratio, this is the top sash glass height
4. Subtract the top sash height from the total glass height, this is the bottom sash glass height

Please consult your local Marvin representative for more information.

For further details and drawings visit the 'Tools and Documents' section at Marvin.com.