

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)

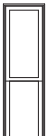
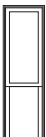
ULTIMATE DOUBLE HUNG G2: UDHG2

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) 2-11 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 (527)	 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) 26 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

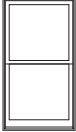
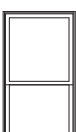
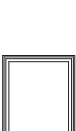
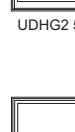
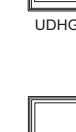
Details and Elevations not to scale.

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 'Technical Specifications' 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 (1829) 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)							

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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)						
	UDHG2 1650	UDHG2 2050	UDHG2 2450 E	UDHG2 2650 E	UDHG2 2850 E	UDHG2 3050 E
9-11 3/4 (3042)						
	UDHG2 1656	UDHG2 2056	UDHG2 2456 E	UDHG2 2656 E	UDHG2 2856 E	UDHG2 3056 E
10-7 3/4 (3245)						
	UDHG2 1660	UDHG2 2060	UDHG2 2460 E	UDHG2 2660 E	UDHG2 2860 E	UDHG2 3060 E

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)					
	UDHG2 1624/36	UDHG2 2024/36	UDHG2 2424/36	UDHG2 2624/36	UDHG2 2824/36

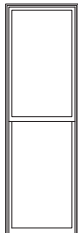
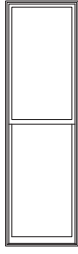
* Cottage Formula:

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

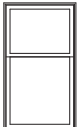
Example:

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

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

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

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2. Subtract 7 1/2" (191) from the frame size height to get total glass height
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