

# DOUBLE HUNG G2

<b>MO (mm)</b>	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)
<b>RO (mm)</b>	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)
<b>FS (mm)</b>	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)
<b>DLO (mm)</b>	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	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	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	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	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	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	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	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	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	UDHG2 3028 E1

Details and Elevations not to scale.

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- E2 The inclusion of both interior shade and retractable screen will affect net clear opening resulting in the unit no longer meeting national egress code.

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





























































## 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

<b>MO (mm)</b>	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)
<b>RO (mm)</b>	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)
<b>FS (mm)</b>	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)
<b>DLO (mm)</b>	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)							
2-11 3/4 (908) 3-0(914) 3-11 1/2 (902) 12 3/4 (324)							
3-3 3/4 (1010) 3-4 (1016) 3-3 1/2 (1003) 14 3/4 (375)							
3-7 3/4 (1111) 3-8 (1118) 3-7 1/2 (1105) 16 3/4 (425)							
3-11 3/4 (1213) 4-0 (1219) 3-11 1/2 (1207) 18 3/4 (476)							
4-3 3/4 (1314) 4-4 (1321) 4-3 1/2 (1308) 20 3/4 (627)							
4-7 3/4 (1416) 4-8 (1422) 4-7 1/2 (1410) 22 3/4 (578)							
4-11 3/4 (1518) 5-0 (1524) 4-11 1/2 (1511) 24 3/4 (629)							
5-3 3/4 (1619) 5-4 (1626) 5-3 1/2 (1613) 26 3/4 (679)							

Details and Elevations not to scale.











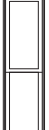






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<b>MO (mm)</b>	1-9 3/4 (552)	2-1 3/4 (654)	2-5 3/4 (756)	2-7 3/4 (806)	2-9 3/4 (857)	2-11 3/4 (908)
<b>RO (mm)</b>	1-10 1/4 (565)	2-2 1/4 (667)	2-6 1/4 (768)	2-8 1/4 (819)	2-10 1/4 (870)	3-0 1/4 (921)
<b>FS (mm)</b>	1-9 1/4 (540)	2-1 1/4 (641)	2-5 1/4 (743)	2-7 1/4 (794)	2-9 1/4 (845)	2-11 1/4 (895)
<b>DLO (mm)</b>	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 E1	UDHG2 3030 E2	
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 E1	UDHG2 2832 E2	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 E1	UDHG2 2634 E2	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 E2	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 E1	UDHG2 2440 E	UDHG2 2640 E	UDHG2 2840 E	UDHG2 3040 E	
<b>x2 Muller</b>		<b>Upper level</b>				
7-7 3/4 (2330) 7-8 (2337) 7-7 1/2 (2324) 40 3/4 (1035)						
UDHG2 1642	UDHG2 2042 E2	UDHG2 2442 E	UDHG2 2642 E	UDHG2 2842 E	UDHG2 3042 E	

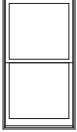






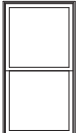






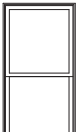






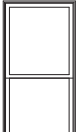






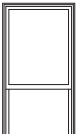






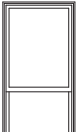






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<b>DLO (mm)</b>	30 47/64 (781)	34 47/64 (882)	38 47/64 (984)	42 47/64 (1085)	46 47/64 (984)	52 47/64 (984)	58 47/64 (1492)

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.

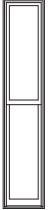
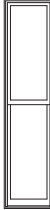




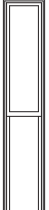





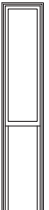









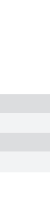

E These windows meet national Egress codes for fire evacuation.  
Local codes may differ.

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<b>MO (mm)</b>	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)
<b>RO (mm)</b>	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)
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<b>DLO (mm)</b>	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 (1492)						
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)						

## COTTAGE STYLE\*

<b>MO (mm)</b>	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)
<b>RO (mm)</b>	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)
<b>FS (mm)</b>	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)
<b>DLO (mm)</b>	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 (<sup>2</sup>/<sub>5</sub> - <sup>3</sup>/<sub>5</sub>) 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 (<sup>2</sup>/<sub>5</sub>) = 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