

| NEW CONSTRUCTION UNITS – Wood and Extruded Aluminum Clad Frames (Inswing)         |                         |                                    |                                     |   |
|---|-------------------------|------------------------------------|-------------------------------------|---|
| DESCRIPTION   | Actual Frame Width Size | Stud-to-Stud Rough Opening Minimum | Width Dimension (Outside Brickmold) | Width Dimension (Outside Modern Nosing) |
| Opening Dimensions for Single, Double & Patio Doors                               |                         |                                    |                                     |   |
| 2'6" Single Door  | 31-1/2"                 | 32-1/2"                            | 34"                                 | 32-5/8"                                 |
| 2'8" Single Door  | 33-1/2"                 | 34-1/2"                            | 36"                                 | 34-5/8"                                 |
| 2'10" Single Door   | 35-1/2"                 | 36-1/2"                            | 38"                                 | 36-5/8"                                 |
| 3'0" Single Door  | 37-1/2"                 | 38-1/2"                            | 40"                                 | 38-5/8"                                 |
| 3'6" Single Door  | 43-1/2"                 | 44-1/2"                            | 46"                                 | 44-5/8"                                 |
| 4'0" Single Door  | 49-1/2"                 | 50-1/2"                            | 52"                                 | 50-5/8"                                 |
| 5'0" Double Door  | 62"                     | 63"                                | 64-1/2"                             | 63-1/8"                                 |
| 5'4" Double Door  | 66"                     | 67"                                | 68-1/2"                             | 67-1/8"                                 |
| 5'4" Patio Door   | 67"                     | 68"                                | 69-1/2"                             | 68-1/8"                                 |
| 6'0" Double Door  | 74"                     | 75"                                | 76-1/2"                             | 75-1/8"                                 |
| 6'0" Patio Door   | 75"                     | 76"                                | 77-1/2"                             | 76-1/8"                                 |
| Opening Dimensions for Door(s) with Fixed Sidelites or Direct Set Glass (Inswing) |                         |                                    |                                     |   |
| Sidelite Size   | 12"                     | 14"                                | 12"                                 | 14"                                     |
| 2'6" Single Door w/ 1 Sidelite  | 45"                     | 47"                                | 46"                                 | 48"                                     |
| 2'8" Single Door w/ 1 Sidelite  | 47"                     | 49"                                | 48"                                 | 50"                                     |
| 2'10" Single Door w/ 1 Sidelite   | 49"                     | 51"                                | 50"                                 | 52"                                     |
| 3'0" Single Door w/ 1 Sidelite  | 51"                     | 53"                                | 52"                                 | 54"                                     |
| 5'4" Double Door w/ 1 Sidelite  | 79-1/2"                 | 81-1/2"                            | 80-1/2"                             | 82-1/2"                                 |
| 6'0" Double Door w/ 1 Sidelite  | 87-1/2"                 | 89-1/2"                            | 88-1/2"                             | 90-1/2"                                 |
| 2'6" Single Door w/ 2 Sidelites   | 58-1/2"                 | 62-1/2"                            | 59-1/2"                             | 63-1/2"                                 |
| 2'8" Single Door w/ 2 Sidelites   | 60-1/2"                 | 64-1/2"                            | 61-1/2"                             | 65-1/2"                                 |
| 2'10" Single Door w/ 2 Sidelites  | 62-1/2"                 | 66-1/2"                            | 63-1/2"                             | 67-1/2"                                 |
| 3'0" Single Door w/ 2 Sidelites   | 64-1/2"                 | 68-1/2"                            | 65-1/2"                             | 69-1/2"                                 |
| 5'4" Double Door w/ 2 Sidelites   | 93"                     | 97"                                | 94"                                 | 98"                                     |
| 6'0" Double Door w/ 2 Sidelites   | 101"                    | 105"                               | 102"                                | 106"                                    |

| Actual Frame Height / UDH (Rough Opening Height) |  |  |
|--|--|--|
| 6'8"   | 7'0"                                     | 8'0"                                     |
| Units with Standard Sill                         |  |  |
| 81-3/4" UDH (82" RO) Inswing                     | 85-3/4" UDH (86" RO) Inswing             | 97-3/4" UDH (98" RO) Inswing             |
| 81-1/4" UDH (81-1/2" RO) Outswing                | 85-1/4" UDH (85-1/2" RO) Outswing        | 97-1/4" UDH (97-1/2" RO) Outswing        |
| Units with ADA Sill                              |  |  |
| 80-3/4" UDH (81" RO) Inswing or Outswing         | 84-3/4" UDH (85" RO) Inswing or Outswing | 96-3/4" UDH (97" RO) Inswing or Outswing |
| 81" UDH (81-1/4" RO) Clad Outswing               | 85" UDH (85-1/4" RO) Clad Outswing       | 97" UDH (97-1/4" RO) Clad Outswing       |

NOTES:  
 Outside brickmold height is 1" more than RO height.  
 Outside Modern nosing height is 9/16" more than RO height.  
 Outside Narrowline nosing is equal to unit dimension.

NOTE: For single clad outswing units, add 1/4" to the UDW shown above.  
 For double doors that are both clad and outswing, add 3/8" to the UDW shown above.  
 For primed wood outswing units, add 5/8" to outside brickmold width.  
 For steel frames, add 1" to nominal width and 1/2" to nominal height for rough opening.

For sidelite units that are both clad and outswing, add 1/4" to the UDW shown above.  
 For double doors that have wood jambs but are also outswing, add 1/8" to UDW shown above.  
 For masonry construction, add 1/4" to outside brickmold dimension shown.

### REPLACEMENT (REMODELER) UNITS

WOOD FRAME

Measure inside height from head to top of sill/threshold as illustrated.

Measure inside height from head to finished floor as illustrated.

EXISTING FRAME OPENING HEIGHT (Do not measure door height.)

REMOVABLE ALUMINUM OR WOOD THRESHOLD

ONE PIECE WOOD SILL/THRESHOLD NON-REMOVABLE

FINISHED FLOOR

WOOD FRAME

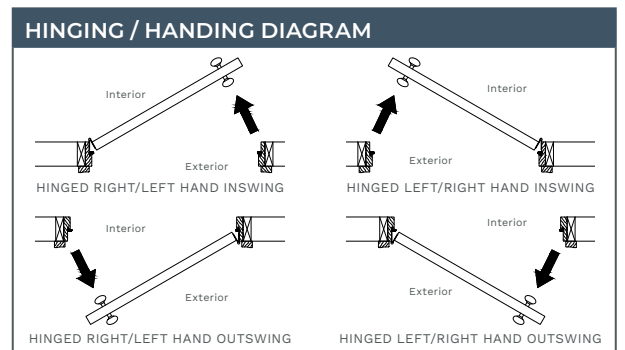
FRAME WIDTH

### OPENING DIMENSIONS FOR SINGLE REMODELER UNITS

| Size (nominal)           | Fits these existing openings |         |                  |         |
|--------------------------|------------------------------|---------|------------------|---------|
|                          | 'A' Widths                   |         | 'B', 'C' Heights |         |
|                          | Min.                         | Max.    | Min.             | Max.    |
| 2'5" x 6'7" Single Door  | 29-5/8"                      | 30-1/2" | 80"              | 80-1/2" |
| 2'7" x 6'7" Single Door  | 31-5/8"                      | 32-1/2" | 80"              | 80-1/2" |
| 2'9" x 6'7" Single Door  | 33-5/8"                      | 34-1/2" | 80"              | 80-1/2" |
| 2'11" x 6'7" Single Door | 35-5/8"                      | 36-1/2" | 80"              | 80-1/2" |

### TRANSOM ROUGH OPENINGS

| Sizes for 6'8" Doors                                      | Transom Type | Rough Opening Widths | Rough Opening Heights | Unit Size |
|---|--------------|----------------------|-----------------------|-----------|
| Rough Opening (stud to stud) for inswing & outswing doors | TR-98        | see above chart      | 102-5/8"              | 102-3/8"  |
|   | TR-97        |                      | 102-5/8"              | 102-3/8"  |
|   | TR-92        |                      | 102-5/8"              | 102-3/8"  |
|   | TR-89/90/94  |                      | 97-3/4"               | 97-1/4"   |
|   | TR-96/99     |                      | 93-3/4"               | 93-1/4"   |
|   | TR-91        |                      | 93-3/4"               | 93-1/4"   |
|   | TR-95        |                      | varies                | varies    |
|   | TR-93        |                      | varies                | varies    |



NOTE: For 6'11" heights, ADD 4" to rough openings shown.  
 We reserve the right, without notice, to make changes in specifications, construction, design, details, and pricing at any time in such a manner as we may consider necessary or advisable. Corrections to reflect any such changes shall be included in subsequent printings of this publication.