

Ultimate Direct Glaze Polygon and Round Tops

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Unit Features: Ultimate Direct Glaze Polygon

Ultimate Direct Glaze Polygon: UDGPOLY

Ultimate Direct Glaze Round Top: UDGRT

Frame:

- Frame width: 4 9/16" (116)
- Frame thickness: 1 3/32" (28)
- Minimum frame angle 15°
- Optional 4/4 RT Frame Thickness: 11/16"

Glass and Glazing:

- Glazing seal:
 - Glazed from the interior
 - Exterior of the glass is sealed to cladding with glazing sealant
 - Interior of the glass is sealed to interior glazing bead with glazing tape
- Standard glass: insulating Low E2 Argon or air
 - Optional glazing available: Low E1 Argon or air, Low E3 Argon or air, Low E2/ERS Argon or air, Low E3/ERS Argon or air, clear, tints, tempered, obscure, and decorative glass
 - Optional tripane glazing available: Low E2/E1, Low E3/E1, Low E1/E1 air, Argon, Krypton-Argon, or Krypton fill
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations
- Argon gas is not available for elevations that require capillary tubes

CE Glass and Glazing:

- Glazing seal: silicone glazed
- Standard glass: Insulating Low E2 Argon or air
 - Optional glazing available: Low E1 Argon or air, Low E3 Argon or air, Low E2/ERS Argon or air, Low E3/ERS Argon or air, clear, laminated clear & tints, tempered, sandblasted
 - Optional tripane glazing available: Low E2/E1, Low E3/E1, Low E1/E1 air, Argon, Krypton-Argon, or Krypton fill
- Glass panes available in 3, 4, and 6 mm thicknesses
- Laminated panes available in 7.0 and 7.8 mm thicknesses
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations
- Argon gas is not available for elevations that require capillary tubes

Glazing for Impact Units:

- Glazing seal:
 - Glazed from the interior against a bead of silicone
 - The perimeter of the glass is backfilled with silicone
 - The interior wood bead is secured to the frame with 1 3/8" (35) brad nails nominal 5" on center
 - Impact glass setting blocks are used to reduce the chance of glass sliding

Unit Features: Ultimate Direct Glaze Polygon**Interior Shades:**

- Interior shades are available on rectangular Ultimate Direct Glaze Polygon units only. Not available on Round Tops or Polygon shapes other than rectangles.
- Cellular shade is attached to the window with a removable surround system that houses the cellular shade system
 - Shade cartridge is removable and replaceable
 - One shade per frame opening
 - Shade control: top down, bottom up
- Wood surround frame
 - Species: Pine, Mahogany, Mixed Grain Douglas Fir, Vertical Grain Douglas Fir, Cherry or White Oak
- Cellular shade
 - Single non-fire rated hexagonal honeycomb (cellular) 3/4" (19)
 - Semi-opaque fabric (light filtering)
 - Colors: Driftwood, Marigold, Almond, Rose, Denim, Biscuit, Champagne, Moss, Cinnamon, Silver, White, Stone, Tan, Ivory, or Eggshell
 - Opaque fabric (blackout)
 - Colors: White, Stone, Tan, Ivory, or Eggshell
- Order options:
 - Ship separate: shade system packages separate and ships same time as the unit
 - Ship later: shade system ships at a later date chosen by the customer
 - Shade option must be chosen at the time of unit order
 - Fabric opacity and color can be chosen at later date

Retro fit: ordered as a complete shade system through configured parts

Mulling Options:

- For mull performance, refer to the General Mulling chapter of the ADM.

CE Mulling Options:

- Mull assemblies up to 64" (1626) x 71 1/8" (1807) as a 1H x multi-wide
- Mull assemblies with 1" (25) LVL or 3/8" (10) aluminum mull reinforcement up to 122" (3099) x 104 1/4" (2648) as a 1H x multi-wide or up to 104 1/4" (2648) x 122" (3099) as a 1W x multi-high assembly.

Minimum and Maximum Guidelines: Ultimate Direct Glaze Polygon

| Minimum Frame Size - Direct Glaze Polygon | | | | | | | |
|---|----|------------|-------|------------|-------|-------------------|-------|
| Unit Type | | Frame Size | | | | Minimum Short Leg | |
| | | Min Width | | Min Height | | | |
| | | in | mm | in | mm | in | mm |
| Single Glaze | P3 | 23 | (584) | 23 1/2 | (597) | 6 | (152) |
| | P4 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| | P5 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| | P6 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| | P8 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| Insulating Glass | P3 | 23 | (584) | 23 1/2 | (597) | 6 | (152) |
| | P4 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| | P5 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| | P6 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| | P8 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |

| Maximum Guidelines - Direct Glaze Polygon | | | | | | | | | |
|---|------------|--------------------------|--------|------------|--------|----------------------|--------|------------|--------|
| Unit Type | | Non-Certified Frame Size | | | | Certified Frame Size | | | |
| | | Max Width | | Max Height | | Max Width | | Max Height | |
| | | in | mm | in | mm | in | mm | in | mm |
| Single Glaze | All Shapes | 145 9/16 | (3697) | 53 7/8 | (1368) | 84 | (2134) | 87 | (2210) |
| | | 90 1/2 | (2299) | 86 1/16 | (2186) | 75 | (1905) | 97 | (2464) |
| | | 86 1/16 | (2186) | 90 1/2 | (2299) | 87 | (2210) | 84 | (2134) |
| | | 53 7/8 | (1368) | 145 9/16 | (3697) | 97 | (2464) | 75 | (1905) |
| Insulating Glass | All Shapes | 145 9/16 | (3697) | 63 15/16 | (1624) | 84 | (2134) | 97 | (2464) |
| | | 107 3/4 | (2737) | 86 1/16 | (2186) | | | | |
| | | 86 1/16 | (2186) | 107 3/4 | (2737) | | | | |
| | | 63 15/16 | (1624) | 145 9/16 | (3697) | 97 | (2464) | 84 | (2134) |
| CE Product | All Shapes | | | | | 97 | (2464) | 84 | (2134) |
| | | | | | | 48 | (1219) | 120 | (3048) |

NOTE: Single glaze is not available with CE mark

Minimum and Maximum Guidelines: IZ3/IZ4 Ultimate Direct Glaze Polygon

| Minimum Frame Size - Direct Glaze Polygon | | | | | | | |
|---|----|------------|-------|------------|-------|-------------------|-------|
| Unit Type | | Frame Size | | | | Minimum Short Leg | |
| | | Min Width | | Min Height | | | |
| | | in | mm | in | mm | in | mm |
| IZ3/IZ4 Product | P3 | 23 | (584) | 23 1/2 | (597) | 6 | (152) |
| | P4 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| | P5 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| | P6 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |
| | P8 | 15 | (381) | 15 1/2 | (394) | 6 | (152) |

| Maximum Guidelines - Direct Glaze Polygon | | | | | |
|---|------------|----------------------|--------|------------|--------|
| Unit Type | | Certified Frame Size | | | |
| | | Max Width | | Max Height | |
| | | in | mm | in | mm |
| IZ3 Product | All Shapes | 48 | (1219) | 102 9/16 | (2605) |
| | | 73 | (1854) | 73 | (1854) |
| | | 102 9/16 | (2605) | 48 | (1219) |
| IZ4 Product | All Shapes | 60 | (1524) | 120 | (3048) |
| | | 120 | (3048) | 60 | (1524) |

NOTE: CE mark is not available on IZ units

Minimum and Maximum Guidelines: Interior Shades

| Minimum and Maximum - Ultimate Direct Glaze Polygon Interior Shade Option | | | | | | | | |
|---|--------------------|-------|--------|-------|--------------------|--------|------------|--------|
| Unit Type | Minimum Frame Size | | | | Maximum Frame Size | | | |
| | Width | | Height | | Max Width | | Max Height | |
| | in | mm | in | mm | in | mm | in | mm |
| Rectangular Direct Glaze | 12 | (305) | 11 1/8 | (283) | 72 | (1829) | 113 3/8 | (2880) |

Certified Sizes and Ratings: Standard Units and IZ3/IZ4

| Product | Air Tested to psf | Water Tested to psf | Structural Overload Tested to psf | Certification Rating | Max Height | | Max Width | |
|-------------------------------|-------------------|---------------------|-----------------------------------|----------------------|------------|--------|-----------|--------|
| | | | | | in | mm | in | mm |
| Ultimate Direct Glaze Polygon | 1.57 | 8.25 | +75/-90 | CW-PG50 | 84 | (2134) | 97 | (2464) |
| Ultimate Direct Glaze Polygon | 1.57 | 8.25 | +75/-90 | CW-PG50 | 97 | (2464) | 84 | (2134) |

| Product | Air Tested to psf | Water Tested to psf | Structural Overload Tested to psf | Certification Rating | Max Height | | Max Width | |
|-----------------------------------|-------------------|---------------------|-----------------------------------|----------------------|------------|--------|-----------|--------|
| | | | | | in | mm | in | mm |
| Ultimate Direct Glaze Polygon IZ3 | 1.57 | 8.25 | +82.5/-97.5 | CW-PG55 | 48 | (1219) | 102 9/16 | (2605) |
| Ultimate Direct Glaze Polygon IZ3 | 1.57 | 8.25 | +82.5/-97.5 | CW-PG55 | 102 9/16 | (2605) | 48 | (1219) |
| Ultimate Direct Glaze Polygon IZ3 | 1.57 | 8.25 | +82.5/-97.5 | CW-PG55 | 73 | (1854) | 73 | (1854) |

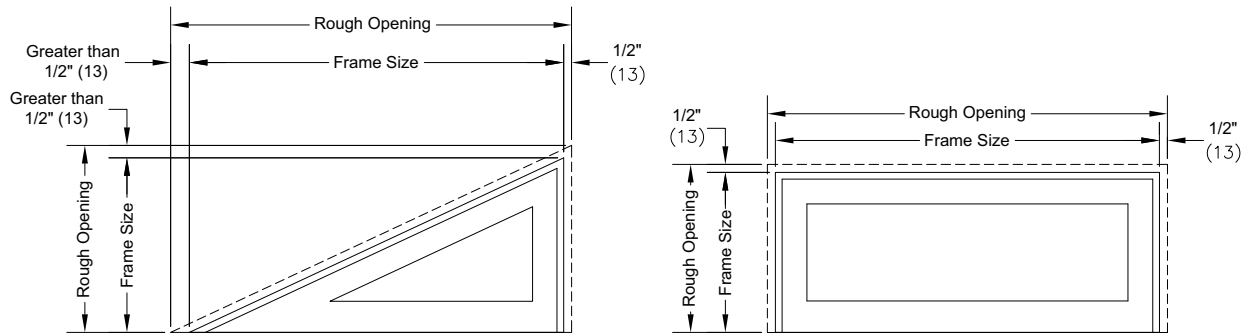
| Product | Air Tested to psf | Water Tested to psf | Structural Overload Tested to psf | Certification Rating | Max Height | | Max Width | |
|-----------------------------------|-------------------|---------------------|-----------------------------------|----------------------|------------|--------|-----------|--------|
| | | | | | in | mm | in | mm |
| Ultimate Direct Glaze Polygon IZ4 | 1.57 | 14.41 | 142.5 | +95/-95 | 36 | (914) | 96 | (2438) |
| Ultimate Direct Glaze Polygon IZ4 | 1.57 | 10.66 | +105/-112.5 | +70/-75 | 60 | (1524) | 120 | (3048) |
| Ultimate Direct Glaze Polygon IZ4 | 1.57 | 14.41 | 142.5 | +95/-95 | 96 | (2438) | 36 | (914) |
| Ultimate Direct Glaze Polygon IZ4 | 1.57 | 10.66 | +105/-112.5 | +70/-75 | 120 | (3048) | 60 | (1524) |

NOTE: For CE ratings, please visit CE Technical Manual.

Measurement Conversions: Ultimate Direct Glaze Polygon

| Unit Measurements | | Width | | Height | |
|-------------------------------|---------------|-----------|-----------|-----------|-----------|
| From | To | in | mm | in | mm |
| Rough Opening | | in | mm | in | mm |
| OM of Frame | Rough Opening | + 1 | (25) | + 1/2 | (13) |
| Masonry Opening w/out CBMC | Rough Opening | + 1/2 | (13) | + 1/4 | (06) |
| Masonry Opening w/BMC | Rough Opening | -2 1/8 | (54) | -1 11/16 | (43) |
| Masonry Opening w/Flat Casing | Rough Opening | -5 1/2 | (140) | -3 3/8 | (86) |
| Glass Size | Rough Opening | + 3 9/16 | (90) | + 3 1/16 | (78) |

NOTE: Minimum angle on any shape is 15 degrees.



NOTE: 1/2" (13) Rough Opening tolerance is maintained perpendicular to the frame of polygon units.

1/4" (6) Masonry Opening tolerance is maintained perpendicular to the frame or casing of polygon units.

Measurement tolerances vary due to polygon angles. Specify either Frame Size or Rough Opening measurement, Marvin will calculate the appropriate tolerances.

Elevations above are shown without casing.

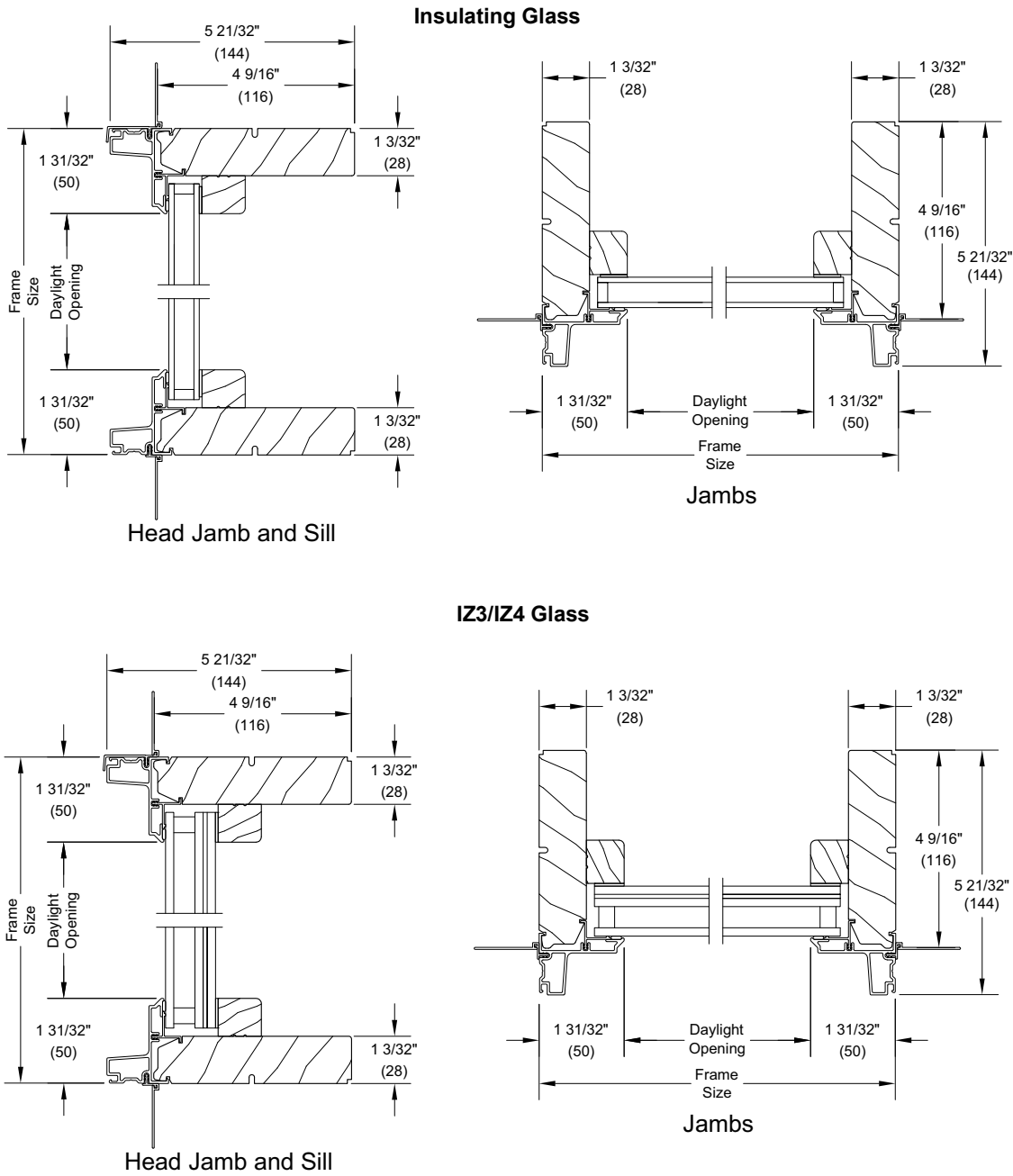
Slope To Angle and Angle to Pitch Conversion - Ultimate Direct Glaze Polygon

| Slope to Angle / Degree Conversions | | | | | |
|-------------------------------------|-------|------------------|-------|-------|------------------|
| Slope | Angle | Degree / Minutes | Slope | Angle | Degree / Minutes |
| 1/12 | 4.76 | 4 degree 46' | 13/12 | 47.29 | 47 degree 14' |
| 2/12 | 9.46 | 9 degree 28' | 14/12 | 53.13 | 49 degree 24' |
| 3/12 | 14.04 | 14 degree 2' | 15/12 | 54.78 | 51 degree 20' |
| 4/12 | 18.43 | 18 degree 26' | 16/12 | 56.31 | 53 degree 8' |
| 5/12 | 22.62 | 22 degree 37' | 17/12 | 54.78 | 54 degree 47' |
| 6/12 | 26.57 | 26 degree 34' | 18/12 | 56.31 | 56 degree 19' |
| 7/12 | 30.26 | 30 degree 15' | 19/12 | 57.72 | 57 degree 43' |
| 8/12 | 33.69 | 33 degree 41' | 20/12 | 59.04 | 59 degree 2' |
| 9/12 | 36.87 | 36 degree 52' | 21/12 | 60.26 | 60 degree 15' |
| 10/12 | 39.81 | 39 degree 48' | 22/12 | 61.39 | 61 degree 23' |
| 11/12 | 42.51 | 42 degree 31' | 23/12 | 62.45 | 62 degree 27' |
| 12/12 | 45.00 | 45 degree 0' | 24/12 | 63.43 | 63 degree 26' |

| Angle to Pitch conversions | | | | | | | |
|----------------------------|---------|-------|----------|-------|----------|-------|-----------|
| Angle | Pitch | Angle | Pitch | Angle | Pitch | Angle | Pitch |
| 1 | 0.21/12 | 26 | 5.85/12 | 51 | 14.82/12 | 76 | 48.13/12 |
| 2 | 0.42/12 | 27 | 6.11/12 | 52 | 15.36/12 | 77 | 51.98/12 |
| 3 | 0.63/12 | 28 | 6.38/12 | 53 | 15.92/12 | 78 | 56.56/12 |
| 4 | 0.84/12 | 29 | 6.65/12 | 54 | 16.52/12 | 79 | 61.73/12 |
| 5 | 1.05/12 | 30 | 6.93/12 | 55 | 17.14/12 | 80 | 68.06/12 |
| 6 | 1.26/12 | 31 | 7.21/12 | 56 | 17.79/12 | 81 | 75.77/12 |
| 7 | 1.47/12 | 32 | 7.50/12 | 57 | 18.48/12 | 82 | 85.38/12 |
| 8 | 1.69/12 | 33 | 7.79/12 | 58 | 19.20/12 | 83 | 97.73/12 |
| 9 | 1.90/12 | 34 | 8.09/12 | 59 | 19.97/12 | 84 | 114.17/12 |
| 10 | 2.12/12 | 35 | 8.40/12 | 60 | 20.78/12 | 85 | 137.16/12 |
| 11 | 2.33/12 | 36 | 8.72/12 | 61 | 21.65/12 | 86 | 171.61/12 |
| 12 | 2.55/12 | 37 | 9.04/12 | 62 | 22.57/12 | 87 | 228.97/12 |
| 13 | 2.77/12 | 38 | 9.38/12 | 63 | 23.55/12 | 88 | 343.64/12 |
| 14 | 2.99/12 | 39 | 9.72/12 | 64 | 24.60/12 | 89 | 687.48/12 |
| 15 | 3.22/12 | 40 | 10.07/12 | 65 | 25.73/12 | | |
| 16 | 3.44/12 | 41 | 10.43/12 | 66 | 26.95/12 | | |
| 17 | 3.67/12 | 42 | 10.80/12 | 67 | 28.27/12 | | |
| 18 | 3.90/12 | 43 | 11.19/12 | 68 | 29.70/12 | | |
| 19 | 4.13/12 | 44 | 11.59/12 | 69 | 31.26/12 | | |
| 20 | 4.37/12 | 45 | 12.00/12 | 70 | 32.97/12 | | |
| 21 | 4.61/12 | 46 | 12.43/12 | 71 | 34.85/12 | | |
| 22 | 4.85/12 | 47 | 12.87/12 | 72 | 36.93/12 | | |
| 23 | 5.09/12 | 48 | 13.33/12 | 73 | 39.25/12 | | |
| 24 | 5.34/12 | 49 | 13.80/12 | 74 | 41.85/12 | | |
| 25 | 5.60/12 | 50 | 14.30/12 | 75 | 44.78/12 | | |

Section Details: Ultimate Direct Glaze Polygon - Standard and IZ3/IZ4

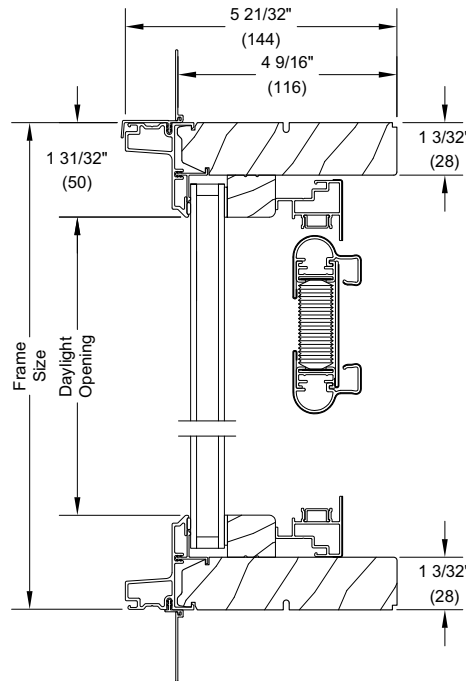
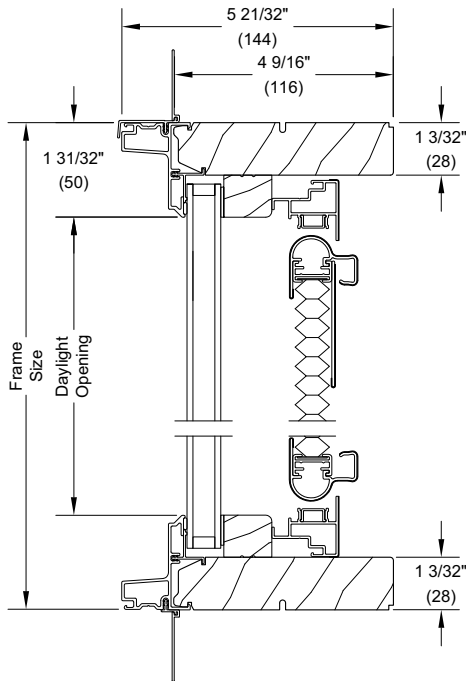
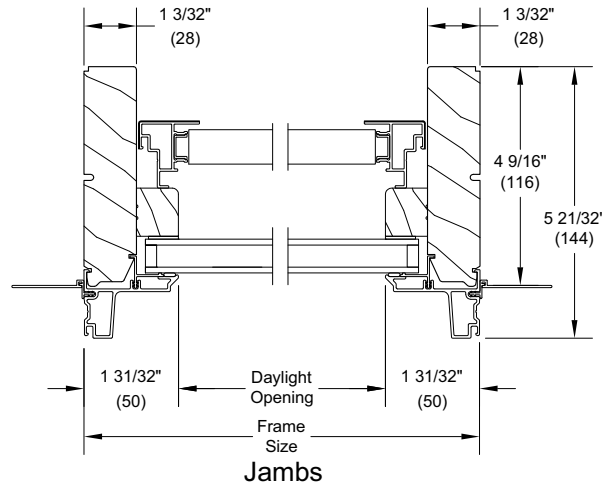
Scale: 3' = 1' 0"



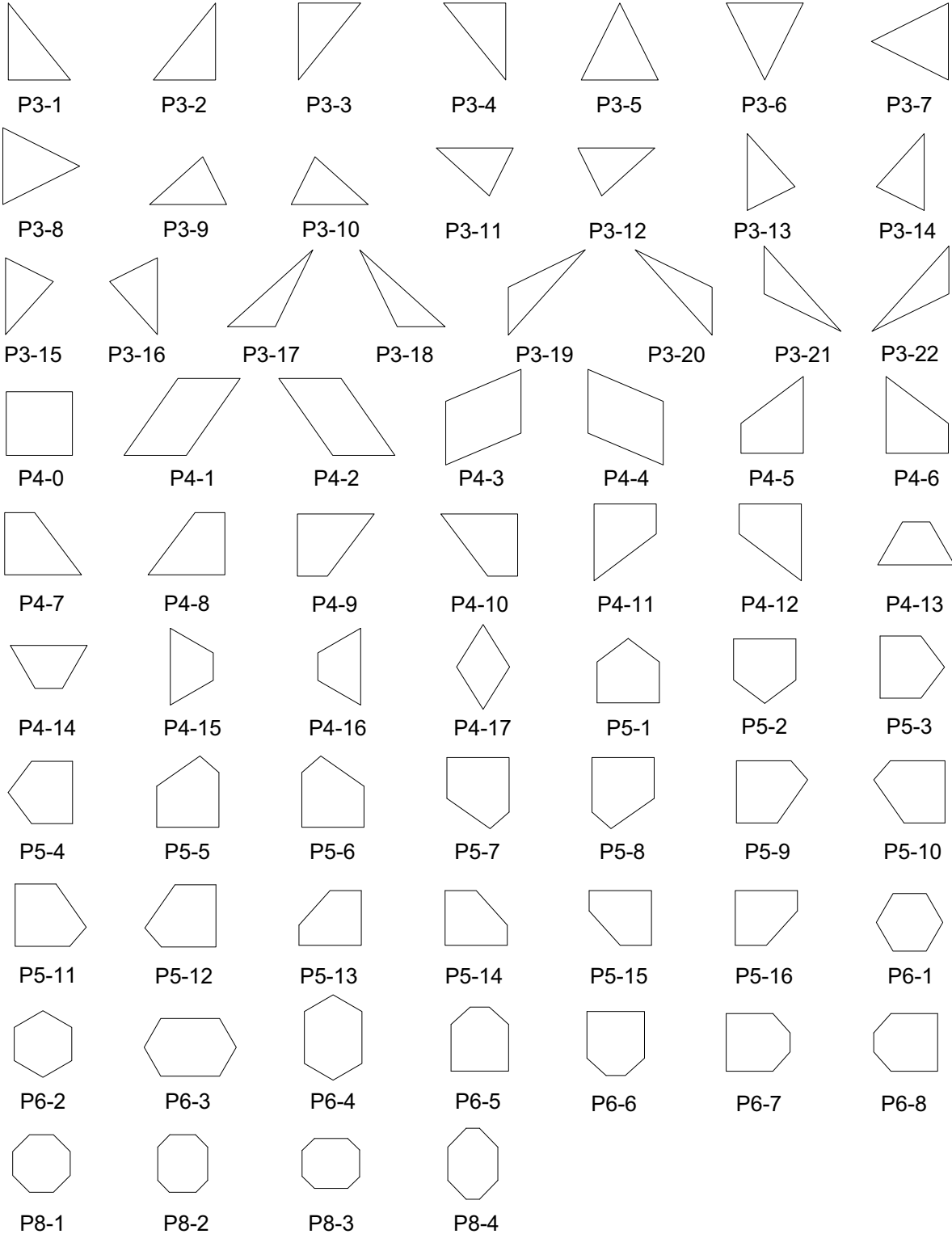
NOTE: CE mark is not available on IZ3/IZ4 units

Section Details: Interior Shade Option

Scale: 3' = 1' 0"



Ultimate Direct Glaze Polygon Shape Reference



Please contact your Marvin representative for availability and more information.

Unit Features: Ultimate Direct Glaze Polygon Corner Units

Ultimate Direct Glaze Polygon Corner Unit: UDG CNR

Frame:

- Rectangle only.
- Frame width: 4 9/16" (116)
- Frame thickness: 1 3/32" (28)

Glass and Glazing:

- Glazing seal:
 - Glazed from the interior
 - Exterior of the glass is sealed to cladding with glazing sealant
 - Interior of the glass is sealed to interior glazing bead with glazing tape
- Standard glass: insulating Low E2 Argon or air
 - Optional glazing available: Low E1 Argon or air, Low E3 Argon or air, Low E2/ERS Argon or air, Low E3/ERS Argon or air, clear, tints, tempered, obscure, and decorative glass
 - Optional tripane glazing available: Low E2/E1, Low E3/E1, Low E1/E1 air, Argon, Krypton-Argon, or Krypton fill
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations
- Argon gas is not available for elevations that require capillary tubes

Mulling Options:

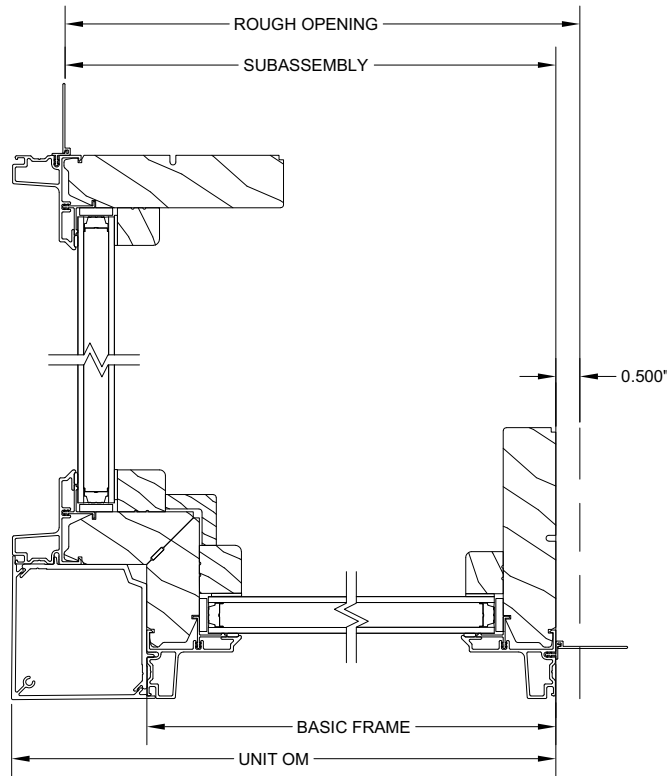
- For mull performance, refer to the General Mulling chapter of the ADM.

Minimum and Maximum Guidelines: Ultimate Direct Glaze Polygon Corner Units

| Unit Type | Minimum and Maximum Frame Sizes | | | | | | | | | | | |
|------------------|---------------------------------|-----|---------------------|-----|--------------------------------|------|---------------------------------|------|---------------------|------|------------|------|
| | Basic Frame Min Width | | Frame OM Min Height | | Basic Frame Left Leg Max Width | | Basic Frame Right Leg Max Width | | Frame OM Max Height | | Glass Size | |
| | in | mm | in | mm | in | mm | in | mm | in | mm | sq ft | sq m |
| Insulating Glass | 12 | 305 | 11 1/8 | 283 | 86 1/4 | 2191 | 86 1/4 | 2191 | 146 1/4 | 5.67 | 60.99 | 5.67 |

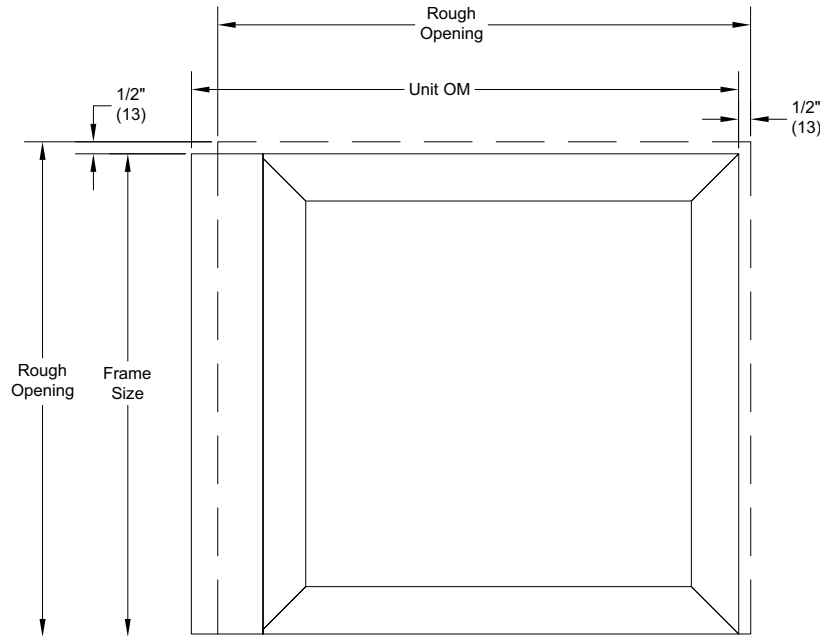
Certified Sizes and Ratings: Ultimate Direct Glaze Polygon Corner Units

| Product | Air Tested to psf | Water Tested to psf | Structural Tested to psf | Certification Rating | Design Pressure (DP) | Basic Frame Left Leg Max Width | | Basic Frame Right Leg Max Width | | Frame OM Max Height | |
|--|-------------------|---------------------|--------------------------|----------------------|----------------------|--------------------------------|------|---------------------------------|------|---------------------|------|
| | | | | | | in | mm | in | mm | in | mm |
| Ultimate Direct Glaze Narrow Frame Corner Window | 1.57 | 7.5 | 75 | SP - 50 - CW | 50 | 75 1/2 | 1918 | 75 1/2 | 1918 | 120 | 3048 |



Measurement Conversions: Ultimate Direct Glaze Polygon Corner Units

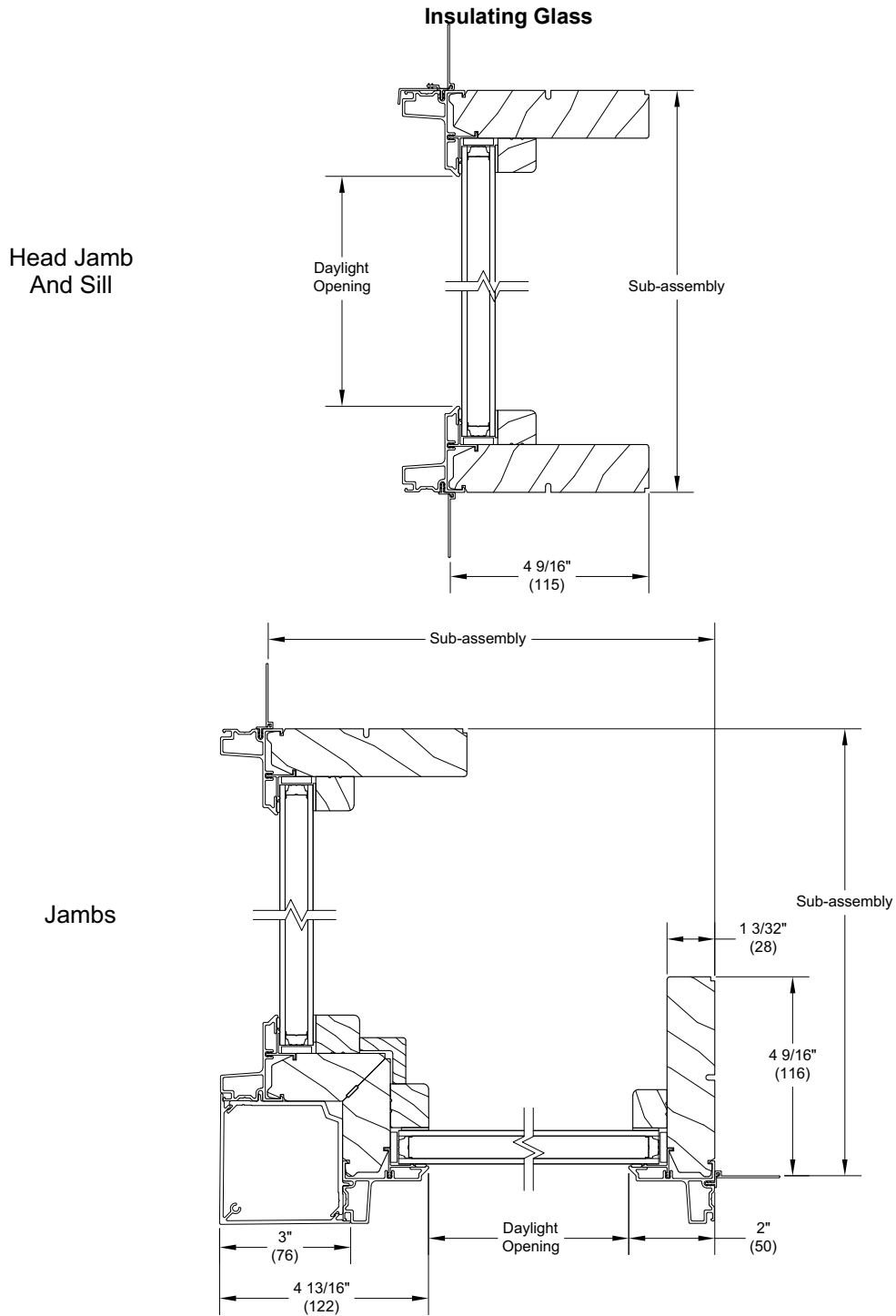
| UDG - 1" IG only - Standard Tempered Sizes | | | | | |
|--|---------------|--------------|---------------|--------------|-----------------|
| From | To | Width (Left) | Width (Right) | Height (Top) | Height (Bottom) |
| Rough Opening | | in | in | in | in |
| Subassembly | Rough Opening | 0.500 | 0.000 | 0.500 | 0.000 |
| Masonry Opening | Rough Opening | 0.250 | 0.000 | 0.250 | 0.000 |
| Masonry Opening w/BMC | Rough Opening | -1.063 | 0.000 | -1.063 | -0.625 |
| Masonry Opening w/Flat Casing | Rough Opening | -2.750 | 0.000 | -2.750 | -0.625 |
| Masonry Opening w/BMC (all sides) | Rough Opening | -1.063 | 0.000 | -1.063 | -1.313 |
| Masonry Opening w/Flat Casing (all sides) | Rough Opening | -2.750 | 0.000 | -2.750 | -3.000 |
| Frame size | | in | in | in | in |
| Subassembly | Metal OM | 0.000 | 1.093 | 0.000 | 0.000 |
| Glass | | in | in | in | in |
| Subassembly | | -1.281 | -3.020 | -1.281 | -1.281 |
| Daylight Opening | Glass | 0.688 | 0.688 | 0.688 | 0.688 |
| Daylight Opening | Subassembly | 1.969 | 3.706 | 1.969 | 1.969 |



*NOTE: 1/2" (13) Rough Opening tolerance is maintained perpendicular to the frame of polygon units.
 1/4" (6) Masonry Opening tolerance is maintained perpendicular to the frame or casing of polygon units.
 Elevations above are shown without casing.*

Section Details: Ultimate Direct Glaze Polygon - Ultimate Direct Glaze Polygon Corner Units

Scale: 3' = 1' 0"



Unit Features: Ultimate Direct Glaze Narrow Frame Polygon

Ultimate Direct Glaze Narrow Frame Polygon: UDGNF POLY

Frame:

- Frame width: 2 3/16" (56)
- Frame thickness: 1 3/16" (30)
- Minimum frame angle 15°

Glass and Glazing:

- Glazing seal:
 - Glazed from the interior
 - Exterior of the glass is sealed to cladding with glazing sealant
 - Interior of the glass is sealed to interior glazing bead with glazing tape
- Standard glass: 3/4" and 1" insulating Low E2 Argon or air
 - Optional glazing available: Low E1 Argon or air, Low E3 Argon or air, Low E2/ERS Argon or air, Low E3/ERS Argon or air, clear, tints, tempered, obscure, and decorative glass
 - Optional tripane glazing available: Low E2/E1, Low E3/E1, Low E1/E1 air, Argon, Krypton-Argon, or Krypton fill
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations
- Argon gas is not available for elevations that require capillary tubes

Mulling Options:

- For mull performance, refer to the General Mulling chapter of the ADM.

Minimum and Maximum Guidelines: Ultimate Direct Glaze Narrow Frame Polygon

| Minimum and Maximum - Non Certified Frame Size | | | | | | | | | | | | | |
|--|------------------|------------|----------------------|-----|-----------------------|-----|---------------|-----------------------|------|----------------------|------|------------|------------|
| Unit Type | | Unit Shape | Frame Size Min Width | | Frame Size Min Height | | Min Short Leg | Short Leg Max Overall | | Long Leg Max Overall | | Glass Size | |
| | | | in | mm | in | mm | in | in | mm | in | mm | Sq. Ft. | Sq. Meters |
| UDGNF | Insulating Glass | Rectangle | 12 | 305 | 11 1/8 | 283 | NA | 86 1/4 | 2191 | 146 1/4 | 3715 | 60.99 | 5.67 |
| UDGNF POLY | Insulating Glass | P3 | 23 | 584 | 23 1/2 | 597 | 6 | 86 1/4 | 2191 | 146 1/4 | 3715 | 60.99 | 5.67 |
| UDGNF POLY | Insulating Glass | P4 | 15 | 381 | 15 1/2 | 394 | 6 | 86 1/4 | 2191 | 146 1/4 | 3715 | 60.99 | 5.67 |
| UDGNF POLY | Insulating Glass | P5 | 15 | 381 | 15 1/2 | 394 | 6 | 86 1/4 | 2191 | 146 1/4 | 3715 | 60.99 | 5.67 |
| UDGNF POLY | Insulating Glass | P6 | 15 | 381 | 15 1/2 | 394 | 6 | 86 1/4 | 2191 | 146 1/4 | 3715 | 60.99 | 5.67 |
| UDGNF POLY | Insulating Glass | P8 | 15 | 381 | 15 1/2 | 394 | 6 | 86 1/4 | 2191 | 146 1/4 | 3715 | 60.99 | 5.67 |

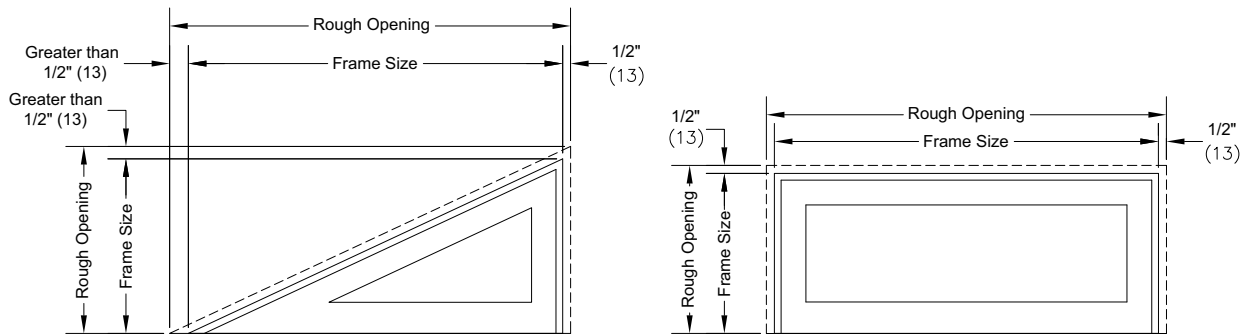
Certified Sizes and Ratings: Ultimate Direct Glaze Narrow Frame Polygon

| Certified Sizes and Ratings | | | | | | | | |
|---|-------------------|---------------------|--------------------------|----------------------|----------------------|-----------------------------|-----------------------------|--------------------------|
| Product | Air Tested to psf | Water Tested to psf | Structural Tested to psf | Certification Rating | Design Pressure (DP) | Short Leg Max Overall Width | Long Leg Max Overall Height | Max overall glass (sqft) |
| Ultimate Direct Glaze Narrow Frame Window | 1.57 | 7.5 | 75 | SP - 50 - CW | 50 | 76 | 146 1/4 | 60.99 |
| Ultimate Direct Glaze Narrow Frame Window | 1.57 | 7.5 | 75 | SP - 40 - CW | 40 | 76 < W <= 86.25 | 120 | 60.99 |

Measurement Conversions: Ultimate Direct Glaze Narrow Frame Polygon

| Measurement Conversions | | | | | | |
|---|--|---------------|--------------|---------------|--------------|-----------------|
| Ultimate Direct Glaze Narrow Frame Inputs | | | | | | |
| From | | To | Width (Left) | Width (Right) | Height (Top) | Height (Bottom) |
| Rough Opening | | | in | in | in | in |
| Frame size | | Rough Opening | 0.5 | 0.5 | 0.5 | 0 |
| Masonry Opening | | Rough Opening | 0.25 | 0.25 | 0.25 | 0 |
| Masonry Opening w/BMC | | Rough Opening | -1.063 | -1.063 | -1.063 | -0.625 |
| Masonry Opening w/Flat Casing | | Rough Opening | -2.75 | -2.75 | -2.75 | -0.625 |
| Masonry Opening w/BMC (all sides) | | Rough Opening | -1.063 | -1.063 | -1.063 | -1.313 |
| Masonry Opening w/Flat Casing (all sides) | | Rough Opening | -2.75 | -2.75 | -2.75 | -3 |
| Glass | | | in | in | in | in |
| Frame OM | | Glass | -1.376 | -1.376 | -1.376 | -1.376 |
| Daylight Opening | | Glass | 0.593 | 0.593 | 0.593 | 0.593 |
| Daylight Opening | | Frame OM | 1.969 | 1.969 | 1.969 | 1.969 |

NOTE: Minimum angle on any shape is 15 degrees.



NOTE: 1/2" (13) Rough Opening tolerance is maintained perpendicular to the frame of polygon units.

1/4" (6) Masonry Opening tolerance is maintained perpendicular to the frame or casing of polygon units.

Measurement tolerances vary due to polygon angles. Specify either Frame Size or Rough Opening measurement, Marvin will calculate the appropriate tolerances.

Elevations above are shown without casing.

Slope To Angle / Angle to Pitch Conversion - Ultimate Direct Glaze Narrow Frame Polygon

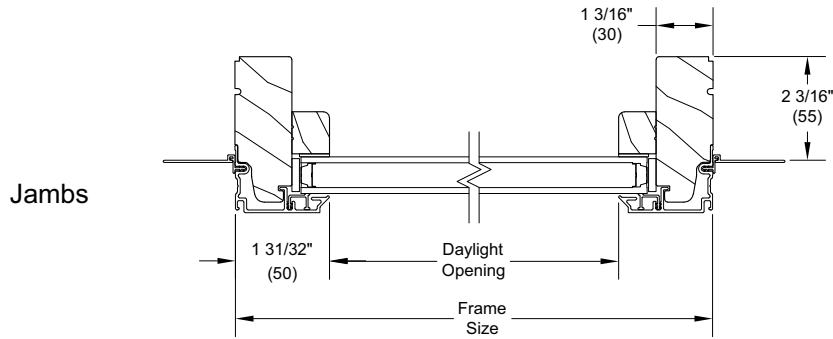
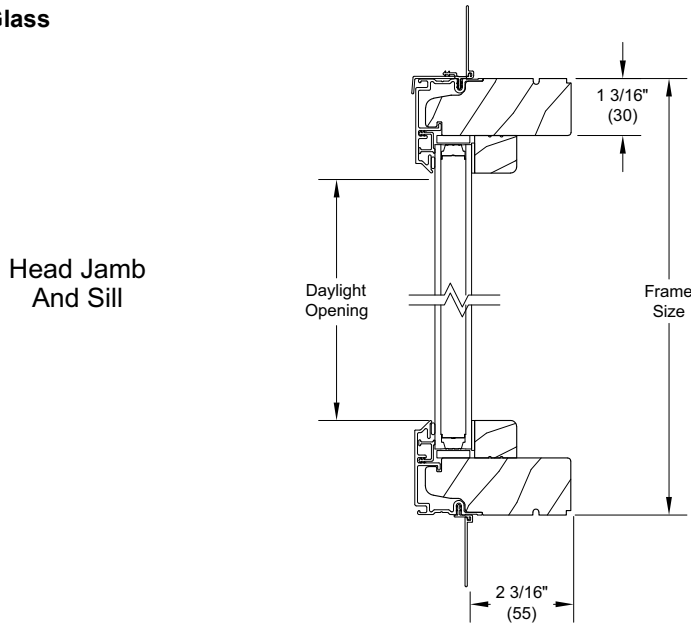
| Slope to Angle /Degree Conversions | | |
|------------------------------------|-------|------------------|
| Slope | Angle | Degree / Minutes |
| 1/12 | 4.76 | 4 degree 46' |
| 2/12 | 9.46 | 9 degree 28' |
| 3/12 | 14.04 | 14 degree 2' |
| 4/12 | 18.43 | 18 degree 26' |
| 5/12 | 22.62 | 22 degree 37' |
| 6/12 | 26.57 | 26 degree 34' |
| 7/12 | 30.26 | 30 degree 15' |
| 8/12 | 33.69 | 33 degree 41' |
| 9/12 | 36.87 | 36 degree 52' |
| 10/12 | 39.81 | 39 degree 48' |
| 11/12 | 42.51 | 42 degree 31' |
| 12/12 | 45.00 | 45 degree 0' |
| 13/12 | 47.29 | 47 degree 14' |
| 14/12 | 53.13 | 49 degree 24' |
| 15/12 | 54.78 | 51 degree 20' |
| 16/12 | 56.31 | 53 degree 8' |
| 17/12 | 54.78 | 54 degree 47' |
| 18/12 | 56.31 | 56 degree 19' |
| 19/12 | 57.72 | 57 degree 43' |
| 20/12 | 59.04 | 59 degree 2' |
| 21/12 | 60.26 | 60 degree 15' |
| 22/12 | 61.39 | 61 degree 23' |
| 23/12 | 62.45 | 62 degree 27' |
| 24/12 | 63.43 | 63 degree 26' |

| Angle to Pitch Conversions | | | | | |
|----------------------------|---------|-------|----------|-------|-----------|
| Angle | Pitch | Angle | Pitch | Angle | Pitch |
| 1 | 0.21/12 | 31 | 7.21/12 | 61 | 21.65/12 |
| 2 | 0.42/12 | 32 | 7.50/12 | 62 | 22.57/12 |
| 3 | 0.63/12 | 33 | 7.79/12 | 63 | 23.55/12 |
| 4 | 0.84/12 | 34 | 8.09/12 | 64 | 24.60/12 |
| 5 | 1.05/12 | 35 | 8.40/12 | 65 | 25.73/12 |
| 6 | 1.26/12 | 36 | 8.72/12 | 66 | 26.95/12 |
| 7 | 1.47/12 | 37 | 9.04/12 | 67 | 28.27/12 |
| 8 | 1.69/12 | 38 | 9.38/12 | 68 | 29.70/12 |
| 9 | 1.90/12 | 39 | 9.72/12 | 69 | 31.26/12 |
| 10 | 2.12/12 | 40 | 10.07/12 | 70 | 32.97/12 |
| 11 | 2.33/12 | 41 | 10.43/12 | 71 | 34.85/12 |
| 12 | 2.55/12 | 42 | 10.80/12 | 72 | 36.93/12 |
| 13 | 2.77/12 | 43 | 11.19/12 | 73 | 39.25/12 |
| 14 | 2.99/12 | 44 | 11.59/12 | 74 | 41.85/12 |
| 15 | 3.22/12 | 45 | 12.00/12 | 75 | 44.78/12 |
| 16 | 3.44/12 | 46 | 12.43/12 | 76 | 48.13/12 |
| 17 | 3.67/12 | 47 | 12.87/12 | 77 | 51.98/12 |
| 18 | 3.90/12 | 48 | 13.33/12 | 78 | 56.56/12 |
| 19 | 4.13/12 | 49 | 13.80/12 | 79 | 61.73/12 |
| 20 | 4.37/12 | 50 | 14.30/12 | 80 | 68.06/12 |
| 21 | 4.61/12 | 51 | 14.82/12 | 81 | 75.77/12 |
| 22 | 4.85/12 | 52 | 15.36/12 | 82 | 85.38/12 |
| 23 | 5.09/12 | 53 | 15.92/12 | 83 | 97.73/12 |
| 24 | 5.34/12 | 54 | 16.52/12 | 84 | 114.17/12 |
| 25 | 5.60/12 | 55 | 17.14/12 | 85 | 137.16/12 |
| 26 | 5.85*12 | 56 | 17.79/12 | 86 | 171.61/12 |
| 27 | 6.11/12 | 57 | 18.48/12 | 87 | 228.97/12 |
| 28 | 6.38/12 | 58 | 19.20/12 | 88 | 343.64/12 |
| 29 | 6.65/12 | 59 | 19.97/12 | 89 | 687.48/12 |
| 30 | 6.93/12 | 60 | 20.78/12 | | |

Section Details: Ultimate Direct Glaze Narrow Frame / Direct Glaze Narrow Frame Polygon

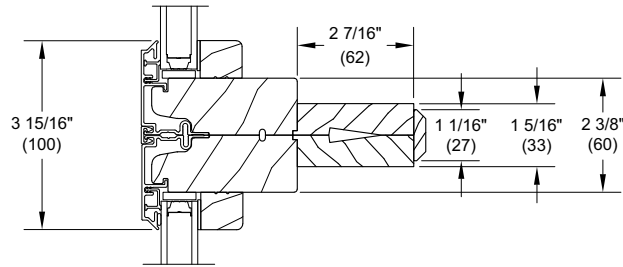
Scale: 3' = 1' 0"

Insulating Glass

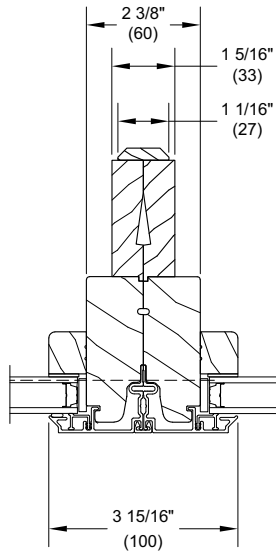


Section Details: Ultimate Direct Glaze Narrow Frame Polygon Mullion Options

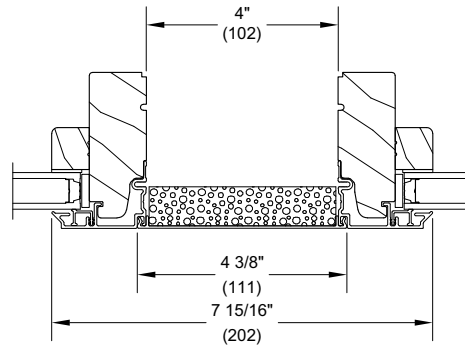
Scale: 3' = 1' 0"



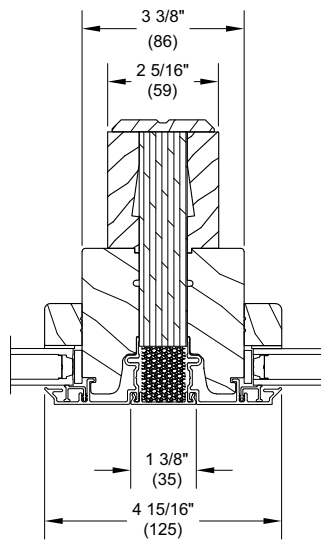
Horizontal Mullion



Vertical Mullion

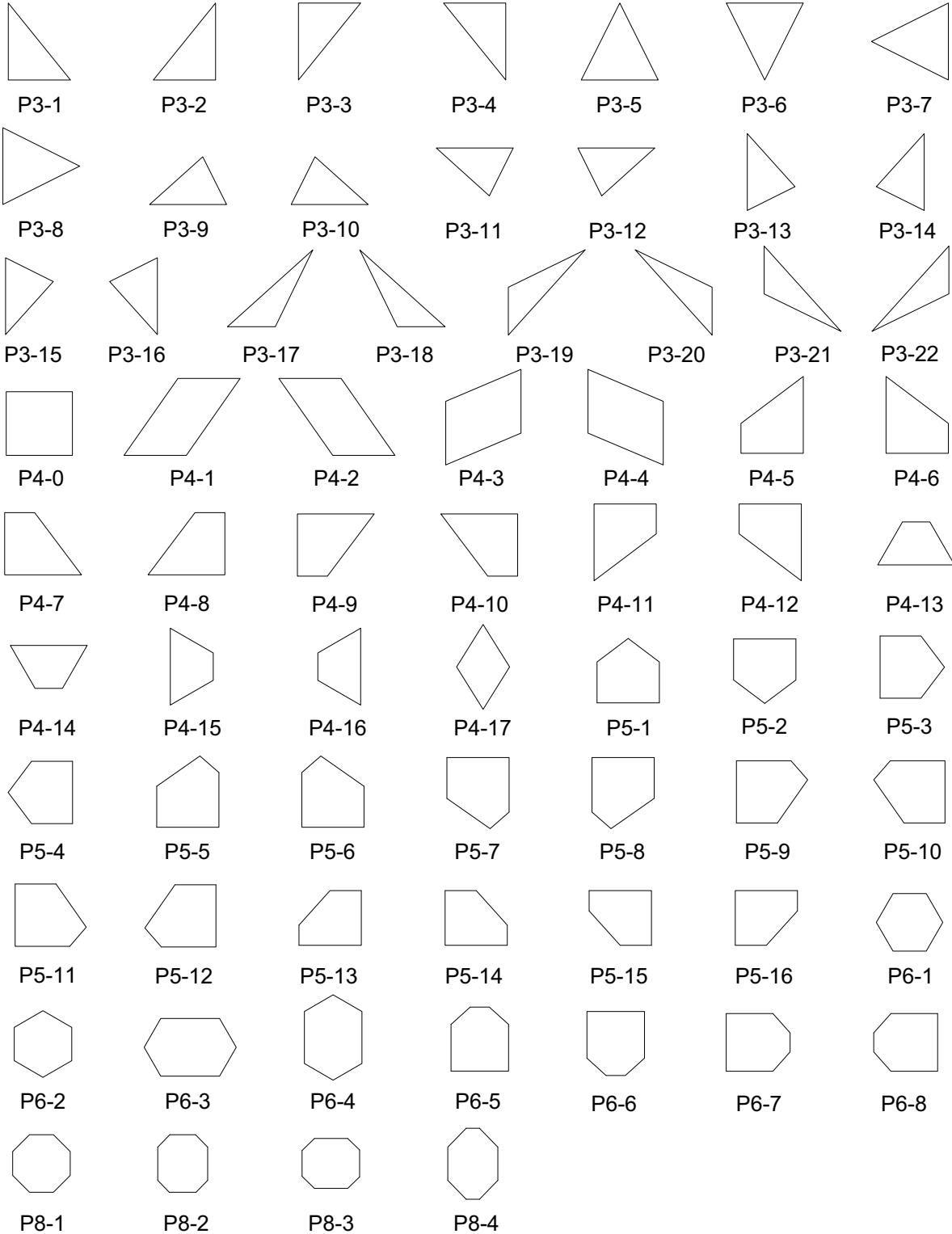


4" Space Mull



1" LVL Mullion

Ultimate Direct Glaze Narrow Frame Polygon Shape Reference



Please contact your Marvin representative for availability and more information.

Unit Features: Ultimate Direct Glaze Narrow Frame Corner Units

Ultimate Direct Glaze Narrow Frame Corner Unit: UDGNF CNR

Frame:

- Frame width: 2 3/16" (56)
- Frame thickness: 1 3/16" (30)
- Minimum frame angle 15°

Glass and Glazing:

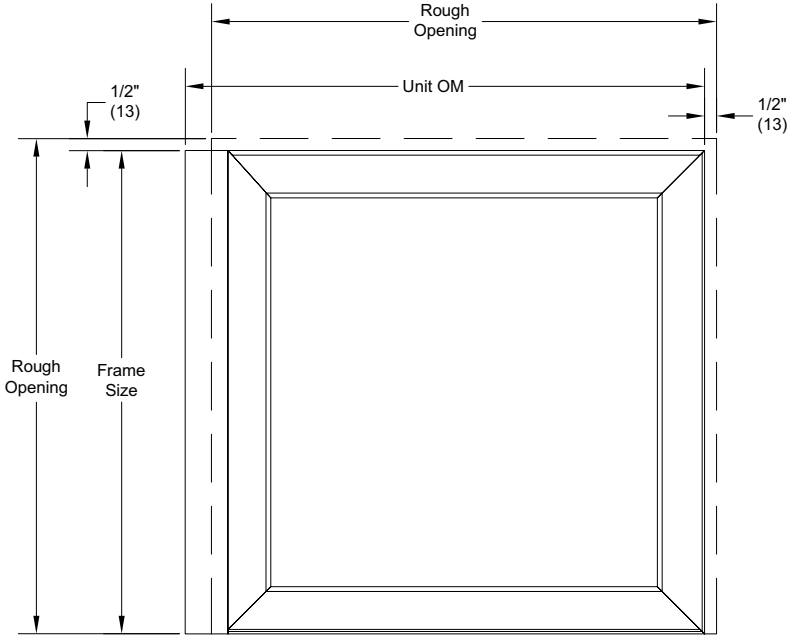
- Glazing seal:
 - Glazed from the interior
 - Exterior of the glass is sealed to cladding with glazing sealant
 - Interior of the glass is sealed to interior glazing bead with glazing tape
- Standard glass: 3/4" and 1" Insulating Low E2 Argon or air
 - Optional glazing available: Low E1 Argon or air, Low E3 Argon or air, Low E2/ERS Argon or air, Low E3/ERS Argon or air, clear, tints, tempered, obscure, and decorative glass
 - Optional tripane glazing available: Low E2/E1, Low E3/E1, Low E1/E1 air, Argon, Krypton-Argon, or Krypton fill
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations
- Argon gas is not available for elevations that require capillary tubes

Mulling Options:

- For mull performance, refer to the General Mulling chapter of the ADM.

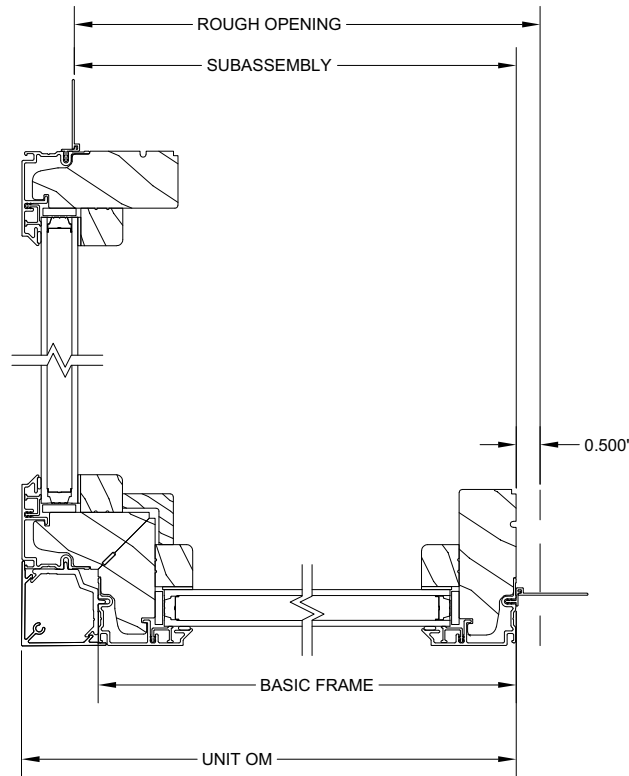
Minimum and Maximum Guidelines: Ultimate Direct Glaze Narrow Frame Corner Units

| Unit Type | Frame Size | | | |
|------------------|------------|-----|-----------|------|
| | Min Width | | Min Width | |
| | in | mm | in | mm |
| Insulating Glass | 12 | 305 | 86.062 | 2186 |



Certified Sizes and Ratings: Ultimate Direct Glaze Narrow Frame Corner Units

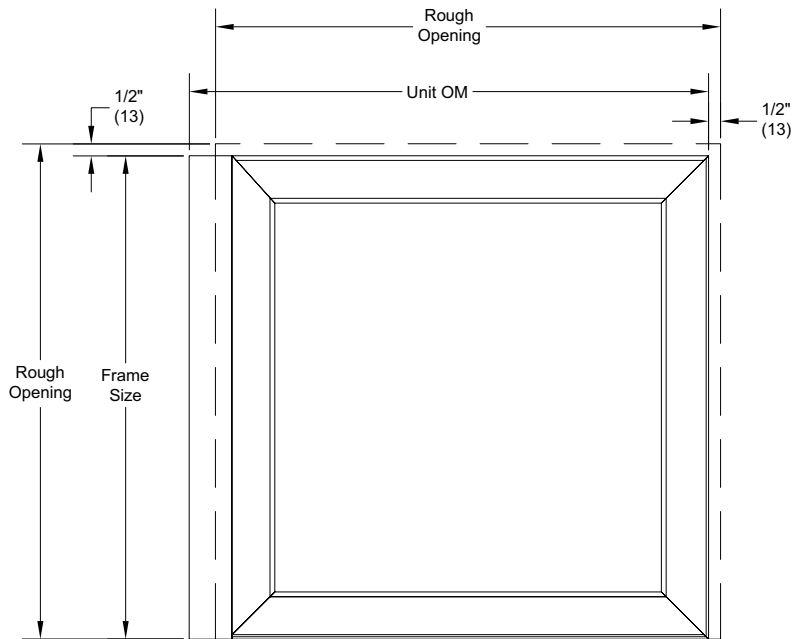
| Product | Air Tested to psf | Water Tested to psf | Structural Tested to psf | Certification Rating | Design Pressure (DP) | Basic Frame Left Leg Max Width | | Basic Frame Right Leg Max Width | |
|--|-------------------|---------------------|--------------------------|----------------------|----------------------|--------------------------------|------|---------------------------------|------|
| | | | | | | in | mm | in | mm |
| Ultimate Direct Glaze Narrow Frame Corner Window | 1.57 | 7.5 | 75 | SP - 50 - CW | 50 | 82 1/4 | 2089 | 82 1/4 | 2089 |



Measurement Conversions: Ultimate Direct Glaze Narrow Frame Corner Units

| Measurement Conversions | | | | | |
|--|---------------|--------------|---------------|--------------|-----------------|
| Ultimate Direct Glaze Narrow Frame Corner Inputs | | | | | |
| From | To | Width (Left) | Width (Right) | Height (Top) | Height (Bottom) |
| Rough Opening | | in | in | in | in |
| Subassembly | Rough Opening | 0.5 | 0 | 0.5 | 0 |
| Masonry Opening | Rough Opening | 0.25 | 0 | 0.25 | 0 |
| Masonry Opening w/BMC | Rough Opening | -1.063 | 0 | -1.063 | -0.625 |
| Masonry Opening w/Flat Casing | Rough Opening | -2.75 | 0 | -2.75 | -0.625 |
| Masonry Opening w/BMC (all sides) | Rough Opening | -1.063 | 0 | -1.063 | -1.313 |
| Masonry Opening w/Flat Casing (all sides) | Rough Opening | -2.75 | 0 | -2.75 | -3 |
| Frame size | | in | in | in | in |
| Subassembly | Metal OM | 0 | 1.093 | 0 | 0 |
| Glass | | in | in | in | in |
| Subassembly | Glass | -1.376 | -1.88 | -1.376 | -1.376 |
| Basic Frame | Glass | -1.376 | -1.376 | -1.376 | -1.376 |
| Daylight Opening | Glass | 0.593 | 0.593 | 0.593 | 0.593 |
| Daylight Opening | Frame OM | 1.969 | 2.474 | 1.969 | 1.969 |

NOTE: Minimum angle on any shape is 15 degrees.



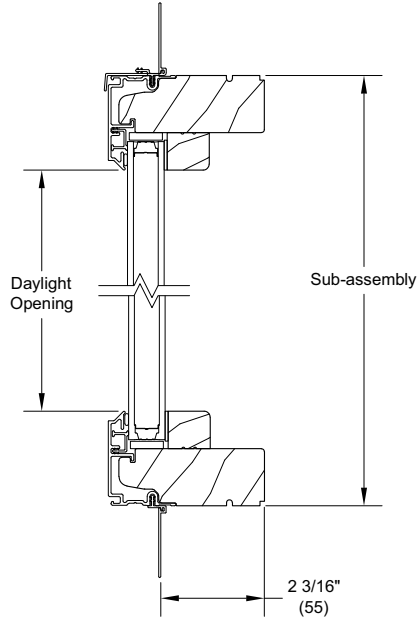
*NOTE: 1/2" (13) Rough Opening tolerance is maintained perpendicular to the frame of polygon units.
 1/4" (6) Masonry Opening tolerance is maintained perpendicular to the frame or casing of polygon units.
 Elevations above are shown without casing.*

Section Details: Ultimate Direct Glaze Narrow Frame Corner Units

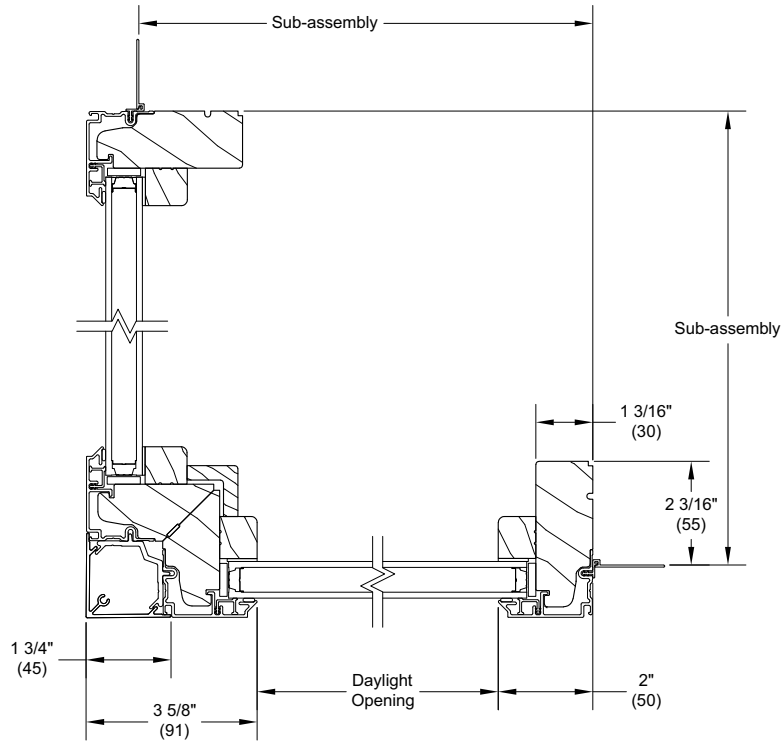
Scale: 3' = 1' 0"

Insulating Glass

Head Jamb
And Sill



Jamb



Unit Features: Ultimate Direct Glaze Round Top

Ultimate Direct Glaze Round Top: UDGRT

Frame:

- Frame thickness: 1 1/16" (17)
- Frame width: 4 9/16" (116)
- Curved frames have laminated wood, straight frames have non finger-jointed wood

Glass and Glazing:

- Glazing seal:
 - Glazed from the interior
 - Silicone glazed to the interior and exterior
- Standard glass: insulating Low E2 Argon or air
 - Optional glazing available: Low E1 Argon or air, Low E3 Argon or air, Low E2/ERS Argon or air, Low E3/ERS Argon or air, clear, tints, tempered, obscure, and decorative glass
 - Optional tripane glazing available: Low E2/E1, Low E3/E1, Low E1/E1 air, Argon, Krypton-Argon, or Krypton fill
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations
- Argon gas is not available for elevations that require capillary tubes

CE Optional Glazing:

- Glazing seal: silicone glazed
- Standard glass: Insulating Low E2 Argon or air
 - Optional glazing available: Low E1 Argon or air, Low E3 Argon or air, clear, laminated clear & tints, tempered, sandblasted
 - Optional tripane glazing available: Low E2/E1, Low E3/E1, Low E1/E1 air, Argon, Krypton-Argon, or Krypton fill
- Glass panes available in 3, 4, and 6 mm thicknesses
- Laminated panes available in 7.0 and 7.8 mm thicknesses
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations
- Argon gas is not available for elevations that require capillary tubes

Glazing for Impact Units:

- Glazing seal:
 - Glazed from the interior against a bead of silicone
 - The perimeter of the glass is backfilled with silicone
 - The interior wood bead is secured to the frame with 1 3/8" (35) brad nails nominal 5" on center
 - Impact glass setting blocks are used to reduce the chance of glass sliding

Mulling Options:

- For mull performance, refer to the General Mulling chapter of the ADM.

CE Mulling Options:

- Muller assemblies up to 64" (1626) x 71 1/8" (1807) as a 1H x multi-width
- Muller assemblies with 1" (25) LVL or 3/8" (10) aluminum mull reinforcement up to 122" (3099) x 104 1/4" (2648) as a multi-wide or multi-high assembly

Min/Max Guidelines: Ultimate Direct Glaze Round Top

| Minimum Guidelines - Direct Glaze Round Tops | | | | |
|--|------------|-------|------------|-------|
| Unit Type | Frame Size | | | |
| | Min Width | | Min Height | |
| | in | mm | in | mm |
| True Half RT1 | 17 | (432) | 8 1/2 | (216) |
| Eyebrow above Springline RT6 | 9 | (229) | 9 1/2 | (241) |
| Quarter Round RT7 or RT8 | 8 1/2 | (216) | 8 1/2 | (216) |
| Full Circle RT27 | 21 1/2 | (546) | 21 1/2 | (546) |
| Full Ellipse RT28 | 23 | (584) | 35 1/2 | (902) |

| Maximum Guidelines - Direct Glaze Round Tops | | | | | | | | | |
|--|------------|--------------------------|--------|------------|--------|----------------------|--------|------------|--------|
| Unit Type | | Non-Certified Frame Size | | | | Certified Frame Size | | | |
| | | Max Width | | Max Height | | Max Width | | Max Height | |
| | | in | mm | in | mm | in | mm | in | mm |
| Single Glaze | All Shapes | 144 3/4 | (3677) | 53 1/16 | (1348) | 84 | (2134) | 87 | (2210) |
| | | 89 11/16 | (2278) | 85 1/4 | (2165) | 75 | (1905) | 97 | (2464) |
| | | 85 1/4 | (2165) | 89 11/16 | (2278) | 87 | (2210) | 84 | (2134) |
| | | 53 1/16 | (1348) | 144 3/4 | (3677) | 97 | (2464) | 75 | (1905) |
| Insulating Glass | All Shapes | 144 3/4 | (3677) | 63 1/8 | (1603) | 84 | (2134) | 97 | (2464) |
| | | 106 15/16 | (2716) | 85 1/4 | (2165) | | | | |
| | | 85 1/4 | (2165) | 106 15/16 | (2716) | | | | |
| | | 63 1/8 | (1603) | 144 3/4 | (3677) | 97 | (2464) | 84 | (2134) |
| CE Product | All Shapes | | | | | 84 | (2134) | 96 | (2438) |
| | | | | | | 96 | (2438) | 84 | (2134) |

| Maximum Guidelines - Direct Glaze Tops | | | | | |
|--|------------|----------------------|--------|------------|--------|
| Unit Type | | Certified Frame Size | | | |
| | | Max Width | | Max Height | |
| | | in | mm | in | mm |
| IZ3 Impact Product | All Shapes | 48 | (1219) | 101 3/4 | (2584) |
| | | 73 | (1854) | 73 | (1854) |
| | | 101 3/4 | (2584) | 48 | (1219) |
| IZ4 Impact Product | All Shapes | 36 | (914) | 96 | (2438) |
| | | 96 | (2438) | 36 | (914) |
| | | 60 | (1524) | 120 | (3048) |
| | | 120 | (3048) | 60 | (1524) |

NOTE: Single Glaze and IZ3 products are not available with CE mark

Certified Sizes: Ultimate Direct Glaze Round Top

| Product | Air Tested to psf | Water Tested to psf | Structural Overload Tested to psf | Certification Rating | Max Width | | Max Height | |
|---------------------------------|-------------------|---------------------|-----------------------------------|----------------------|-----------|--------|------------|--------|
| | | | | | in | mm | in | mm |
| Ultimate Direct Glaze Round Top | 1.57 | 8.25 | +75/-90 | CW-PG50 | 84 | (2134) | 97 | (2464) |

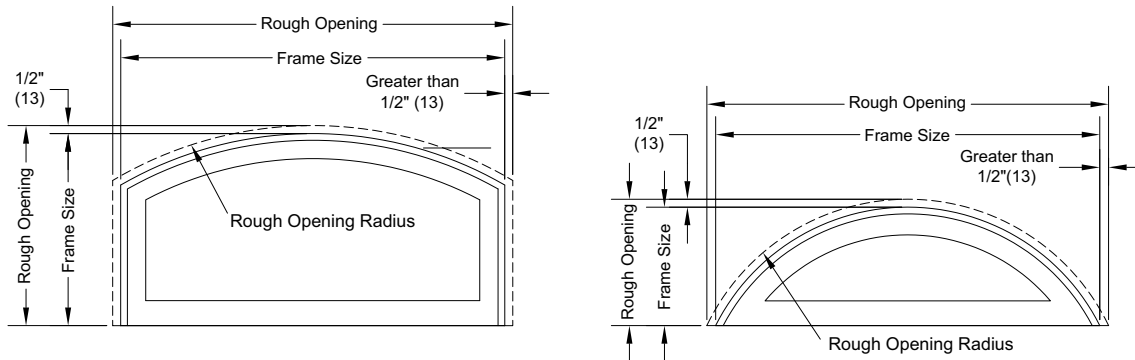
| Product | Air Tested to psf | Water Tested to psf | Structural Overload Tested to psf | Certification Rating | Max Width | | Max Height | |
|-------------------------------------|-------------------|---------------------|-----------------------------------|----------------------|-----------|--------|------------|--------|
| | | | | | in | mm | in | mm |
| Ultimate Direct Glaze Round Top IZ3 | 1.57 | 8.25 | +82.5/-97.5 | CW-PG55 | 48 | (1219) | 101 3/4 | (2584) |
| Ultimate Direct Glaze Round Top IZ3 | 1.57 | 8.25 | +82.5/-97.5 | CW-PG55 | 101 3/4 | (2584) | 48 | (1219) |
| Ultimate Direct Glaze Round Top IZ3 | 1.57 | 8.25 | +82.5/-97.5 | CW-PG55 | 73 | (1854) | 73 | (1854) |

| Product | Air Tested to psf | Water Tested to psf | Structural Overload Tested to psf | Certification Rating | Max Width | | Max Height | |
|-------------------------------------|-------------------|---------------------|-----------------------------------|----------------------|-----------|--------|------------|--------|
| | | | | | in | mm | in | mm |
| Ultimate Direct Glaze Round Top IZ4 | 1.57 | 14.41 | 142.5 | +95/-95 | 36 | (914) | 96 | (2438) |
| Ultimate Direct Glaze Round Top IZ4 | 1.57 | 10.66 | +105/-112.5 | +70/-75 | 60 | (1524) | 120 | (3048) |
| Ultimate Direct Glaze Round Top IZ4 | 1.57 | 14.41 | 142.5 | +95/-95 | 96 | (2438) | 36 | (914) |
| Ultimate Direct Glaze Round Top IZ4 | 1.57 | 10.66 | +105/-112.5 | +70/-75 | 120 | (3048) | 60 | (1524) |

NOTE: For CE ratings, please visit the CE Technical Manual.

Measurement Conversions: Ultimate Direct Glaze Round Top

| Unit Measurements | | Width | | Height | |
|---|---------------|-----------|-----------|-----------|-----------|
| From | To | | | | |
| Rough Opening | | in | mm | in | mm |
| OM of Frame | Rough Opening | + 1 | (25) | + 1/2 | (13) |
| Masonry Opening w/out BMC | Rough Opening | + 1/2 | (13) | + 1/4 | (06) |
| Masonry Opening w/BMC | Rough Opening | -2 1/8 | (54) | -1 11/16 | (43) |
| Masonry Opening w/Flat Casing | Rough Opening | -5 1/2 | (140) | -3 3/8 | (86) |
| Masonry Opening w/BMC (all sides) | Rough Opening | -2 1/8 | (54) | NA | NA |
| Masonry Opening w/Flat Casing (all sides) | Rough Opening | -5 1/2 | (140) | NA | NA |
| Frame | | in | mm | in | mm |
| Daylight Opening | OM of Frame | + 3 1/8 | (79) | + 3 1/8 | (79) |
| Glass | | in | mm | in | mm |
| Daylight Opening | Glass | + 1 3/8 | (35) | + 1 3/8 | (35) |



NOTE: On all units, we maintain our clearance or conversion dimension perpendicular to the frame. For this reason, standard rectangular conversions cannot be used for any unit involving a radius or angles. These must be calculated on an individual basis. If any dimension is critical (such as frame OSM to match lower unit) then the order should be placed with that dimension. The order will be converted to the accurate rough openings.

Standard Sizes: Ultimate Casement Full Circle and Ellipse Series

| Full Circle and Ellipse Ultimate Direct Glaze Round Tops | | | | | | | | | |
|---|------|-----------------|--------|---------------|--------|-----------------|--------|---------------|--------|
| Shape - RT27 - Full Circle | | | | | | | | | |
| CN | | Width | | | | Height | | | |
| | | Masonry Opening | | Rough Opening | | Masonry Opening | | Rough Opening | |
| | | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm |
| UDGRT | 2750 | 2-1 | (635) | 2-1 1/2 | (648) | 2-1 | (635) | 2-1 1/2 | (648) |
| UDGRT | 3950 | 3-1 | (940) | 3-1 1/2 | (953) | 3-1 | (940) | 3-1 1/2 | (953) |
| UDGRT | 5150 | 4-1 | (1245) | 4-1 1/2 | (1257) | 4-1 | (1245) | 4-1 1/2 | (1257) |
| Shape - RT28 - Full Elliptical | | | | | | | | | |
| UDGRT | 2436 | 2-0 1/2 | (622) | 2-1 | (635) | 3-0 1/2 | (927) | 3-1 | (940) |
| UDGRT | 3248 | 2-8 1/2 | (826) | 2-9 | (838) | 4-0 1/2 | (1232) | 4-1 | (1245) |
| UDGRT | 4060 | 3-4 1/2 | (1029) | 3-5 | (1041) | 5-0 1/2 | (1537) | 5-1 | (1549) |

Standard Sizes: Ultimate Casement True Half, Elliptical and Quarter Circle

| Ultimate Casement/Awning Direct Glaze Round Tops | | | | | | | | | |
|---|------|-----------------|--------|---------------|--------|-----------------|--------|---------------|--------|
| Shape - RT1 - True Half Circle | | | | | | | | | |
| CN | | Width | | | | Height | | | |
| | | Masonry Opening | | Rough Opening | | Masonry Opening | | Rough Opening | |
| | | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm |
| UDGRT | 2010 | 1-8 1/2 | (521) | 1-9 | (533) | 0-10 1/4 | (260) | 0-10 1/2 | (267) |
| UDGRT | 2412 | 2-0 1/2 | (622) | 2-1 | (635) | 1-0 1/4 | (311) | 1-0 1/2 | (318) |
| UDGRT | 2814 | 2-4 1/2 | (724) | 2-5 | (737) | 1-2 1/4 | (362) | 1-2 1/2 | (368) |
| UDGRT | 3216 | 2-8 1/2 | (826) | 2-9 | (838) | 1-4 1/4 | (413) | 1-4 1/2 | (419) |
| UDGRT | 3618 | 3-0 1/2 | (927) | 3-1 | (940) | 1-6 1/4 | (464) | 1-6 1/2 | (470) |
| UDGRT | 4020 | 3-4 1/2 | (1029) | 3-5 | (1041) | 1-8 1/4 | (514) | 1-8 1/2 | (521) |
| UDGRT | 4824 | 4-0 1/2 | (1232) | 4-1 | (1245) | 2-0 1/4 | (616) | 2-0 1/2 | (622) |
| UDGRT | 5628 | 4-8 1/2 | (1435) | 4-9 | (1448) | 2-4 1/4 | (718) | 2-4 1/2 | (724) |
| UDGRT | 6026 | 5-0 1/2 | (1537) | 5-1 | (1549) | 2-6 1/4 | (768) | 2-6 1/2 | (775) |
| UDGRT | 6432 | 5-4 1/2 | (1638) | 5-5 | (1651) | 2-8 1/4 | (819) | 2-8 1/2 | (826) |
| UDGRT | 7236 | 6-0 1/2 | (1842) | 6-1 | (1854) | 3-0 1/4 | (921) | 3-0 1/2 | (927) |
| UDGRT | 8442 | 7-0 1/2 | (2146) | 7-1 | (2159) | 3-6 1/4 | (1073) | 3-6 1/2 | (1080) |
| UDGRT | 9648 | 8-0 1/2 | (2451) | 8-1 | (2464) | 4-0 1/4 | (1226) | 4-0 1/2 | (1232) |
| Shape - RT29 - Elliptical | | | | | | | | | |
| UDGRT | 4017 | 3-4 1/2 | (1029) | 3-5 | (1041) | 1-5 11/16 | (449) | 1-5 15/16 | (456) |
| UDGRT | 4817 | 4-0 1/2 | (1232) | 4-1 | (1245) | 1-5 11/16 | (449) | 1-5 15/16 | (456) |
| UDGRT | 5617 | 4-8 1/2 | (1435) | 4-9 | (1448) | 1-5 11/16 | (449) | 1-5 15/16 | (456) |
| UDGRT | 7217 | 6-0 1/2 | (1842) | 6-1 | (1854) | 1-5 11/16 | (449) | 1-5 15/16 | (456) |
| UDGRT | 8417 | 7-0 1/2 | (2146) | 7-1 | (2159) | 1-5 11/16 | (449) | 1-5 15/16 | (456) |
| Shape - RT15,16 - Quarter Circle | | | | | | | | | |
| UDGRT | 2020 | 1-8 1/2 | (521) | 1-9 | (533) | 1-7 3/8 | (492) | 1-7 5/8 | (498) |
| UDGRT | 2424 | 2-0 1/2 | (622) | 2-1 | (635) | 1-11 3/8 | (594) | 1-11 5/8 | (600) |
| UDGRT | 2828 | 2-4 1/2 | (724) | 2-5 | (737) | 2-3 3/8 | (695) | 2-3 5/8 | (702) |
| UDGRT | 3232 | 2-8 1/2 | (826) | 2-9 | (838) | 2-7 3/8 | (797) | 2-7 5/8 | (803) |
| UDGRT | 3636 | 3-0 1/2 | (927) | 3-1 | (940) | 2-11 3/8 | (899) | 2-11 5/8 | (905) |
| UDGRT | 4040 | 3-4 1/2 | (1029) | 3-5 | (1041) | 3-3 3/8 | (1000) | 3-3 5/8 | (1006) |
| UDGRT | 4848 | 4-0 1/2 | (1232) | 4-1 | (1245) | 3-11 3/8 | (1203) | 3-11 5/8 | (1210) |

Standard Sizes: Ultimate Casement Eyebrow Above Springline

| Ultimate Casement/Awning Direct Glaze Round Tops | | | | | | | | | | | | | | | | | |
|---|------|-----------------|--------|------------------------|--------|---------------|--------|----------------------|--------|-----------------|--------|----------------------------|--------|---------------|--------|--------------------------|--------|
| Shape - RT6 - Eyebrow Above Springline | | | | | | | | | | | | | | | | | |
| CN | | Width | | | | | | | | Height | | | | | | | |
| | | Masonry Opening | | Masonry Opening Radius | | Rough Opening | | Rough Opening Radius | | Masonry Opening | | Masonry Opening Springline | | Rough Opening | | Rough Opening Springline | |
| | | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm |
| UDGRT | 2411 | 2-0 1/2 | (622) | 2-0 1/4 | (616) | 2-1 | (635) | 2-0 1/2 | (622) | 1-0 1/4 | (311) | 0-8 59/64 | (227) | 1-0 1/2 | (318) | 0-9 5/64 | (230) |
| UDGRT | 2419 | 2-0 1/2 | (622) | 2-0 1/4 | (616) | 2-1 | (635) | 2-0 1/2 | (622) | 1-6 1/4 | (464) | 1-2 59/64 | (379) | 1-6 1/2 | (470) | 1-3 5/64 | (383) |
| UDGRT | 2423 | 2-0 1/2 | (622) | 2-0 1/4 | (616) | 2-1 | (635) | 2-0 1/2 | (622) | 2-0 1/4 | (616) | 1-8 59/64 | (532) | 2-0 1/2 | (622) | 1-9 5/64 | (535) |
| UDGRT | 2435 | 2-0 1/2 | (622) | 2-0 1/4 | (616) | 2-1 | (635) | 2-0 1/2 | (622) | 3-0 1/4 | (921) | 2-8 59/64 | (836) | 3-0 1/2 | (927) | 2-9 5/64 | (840) |
| UDGRT | 2447 | 2-0 1/2 | (622) | 2-0 1/4 | (616) | 2-1 | (635) | 2-0 1/2 | (622) | 4-0 1/4 | (1226) | 3-8 59/64 | (1141) | 4-0 1/2 | (1232) | 3-9 5/64 | (1145) |
| UDGRT | 2459 | 2-0 1/2 | (622) | 2-0 1/4 | (616) | 2-1 | (635) | 2-0 1/2 | (622) | 5-0 1/4 | (1530) | 4-8 59/64 | (1446) | 5-0 1/2 | (1537) | 4-9 5/64 | (1450) |
| UDGRT | 2471 | 2-0 1/2 | (622) | 2-0 1/4 | (616) | 2-1 | (635) | 2-0 1/2 | (622) | 6-0 1/4 | (1835) | 5-8 59/64 | (1751) | 6-0 1/2 | (1842) | 5-9 5/64 | (1754) |
| UDGRT | 2811 | 2-4 1/2 | (724) | 2-0 1/4 | (616) | 2-5 | (737) | 2-0 1/2 | (622) | 1-0 1/4 | (311) | 0-7 5/8 | (194) | 1-0 1/2 | (318) | 0-7 3/4 | (197) |
| UDGRT | 2819 | 2-4 1/2 | (724) | 2-0 1/4 | (616) | 2-5 | (737) | 2-0 1/2 | (622) | 1-6 1/4 | (464) | 1-1 5/8 | (346) | 1-6 1/2 | (470) | 1-1 3/4 | (349) |
| UDGRT | 2823 | 2-4 1/2 | (724) | 2-0 1/4 | (616) | 2-5 | (737) | 2-0 1/2 | (622) | 2-0 1/4 | (616) | 1-7 5/8 | (498) | 2-0 1/2 | (622) | 1-7 3/4 | (502) |
| UDGRT | 2835 | 2-4 1/2 | (724) | 2-0 1/4 | (616) | 2-5 | (737) | 2-0 1/2 | (622) | 3-0 1/4 | (921) | 2-7 5/8 | (803) | 3-0 1/2 | (927) | 2-7 3/4 | (806) |
| UDGRT | 2847 | 2-4 1/2 | (724) | 2-0 1/4 | (616) | 2-5 | (737) | 2-0 1/2 | (622) | 4-0 1/4 | (1226) | 3-7 5/8 | (1108) | 4-0 1/2 | (1232) | 3-7 3/4 | (1111) |
| UDGRT | 2859 | 2-4 1/2 | (724) | 2-0 1/4 | (616) | 2-5 | (737) | 2-0 1/2 | (622) | 5-0 1/4 | (1530) | 4-7 5/8 | (1413) | 5-0 1/2 | (1537) | 4-7 3/4 | (1416) |
| UDGRT | 2871 | 2-4 1/2 | (724) | 2-0 1/4 | (616) | 2-5 | (737) | 2-0 1/2 | (622) | 6-0 1/4 | (1835) | 5-7 5/8 | (1718) | 6-0 1/2 | (1842) | 5-7 3/4 | (1721) |
| UDGRT | 3211 | 2-8 1/2 | (826) | 2-6 1/4 | (768) | 2-9 | (838) | 2-6 1/2 | (775) | 1-0 1/4 | (311) | 0-7 33/64 | (191) | 1-0 1/2 | (318) | 0-7 21/32 | (194) |
| UDGRT | 3219 | 2-8 1/2 | (826) | 2-6 1/4 | (768) | 2-9 | (838) | 2-6 1/2 | (775) | 1-6 1/4 | (464) | 1-1 33/64 | (343) | 1-6 1/2 | (470) | 1-1 21/32 | (347) |
| UDGRT | 3223 | 2-8 1/2 | (826) | 2-6 1/4 | (768) | 2-9 | (838) | 2-6 1/2 | (775) | 2-0 1/4 | (616) | 1-7 33/64 | (496) | 2-0 1/2 | (622) | 1-7 21/32 | (499) |
| UDGRT | 3235 | 2-8 1/2 | (826) | 2-6 1/4 | (768) | 2-9 | (838) | 2-6 1/2 | (775) | 3-0 1/4 | (921) | 2-7 33/64 | (800) | 3-0 1/2 | (927) | 2-7 21/32 | (804) |
| UDGRT | 3247 | 2-8 1/2 | (826) | 2-6 1/4 | (768) | 2-9 | (838) | 2-6 1/2 | (775) | 4-0 1/4 | (1226) | 3-7 33/64 | (1105) | 4-0 1/2 | (1232) | 3-7 21/32 | (1109) |
| UDGRT | 3259 | 2-8 1/2 | (826) | 2-6 1/4 | (768) | 2-9 | (838) | 2-6 1/2 | (775) | 5-0 1/4 | (1530) | 4-7 33/64 | (1410) | 5-0 1/2 | (1537) | 4-7 21/32 | (1414) |
| UDGRT | 3271 | 2-8 1/2 | (826) | 2-6 1/4 | (768) | 2-9 | (838) | 2-6 1/2 | (775) | 6-0 1/4 | (1835) | 5-7 33/64 | (1715) | 6-0 1/2 | (1842) | 5-7 21/32 | (1718) |
| UDGRT | 3611 | 3-0 1/2 | (927) | 2-6 1/4 | (768) | 3-1 | (940) | 2-6 1/2 | (775) | 1-0 1/4 | (311) | 0-6 1/8 | (156) | 1-0 1/2 | (318) | 0-6 1/4 | (159) |
| UDGRT | 3619 | 3-0 1/2 | (927) | 2-6 1/4 | (768) | 3-1 | (940) | 2-6 1/2 | (775) | 1-6 1/4 | (464) | 1-0 1/8 | (308) | 1-6 1/2 | (470) | 1-0 1/4 | (311) |
| UDGRT | 3623 | 3-0 1/2 | (927) | 2-6 1/4 | (768) | 3-1 | (940) | 2-6 1/2 | (775) | 2-0 1/4 | (616) | 1-6 1/8 | (460) | 2-0 1/2 | (622) | 1-6 1/4 | (464) |
| UDGRT | 3635 | 3-0 1/2 | (927) | 2-6 1/4 | (768) | 3-1 | (940) | 2-6 1/2 | (775) | 3-0 1/4 | (921) | 2-6 1/8 | (765) | 3-0 1/2 | (927) | 2-6 1/4 | (768) |
| UDGRT | 3647 | 3-0 1/2 | (927) | 2-6 1/4 | (768) | 3-1 | (940) | 2-6 1/2 | (775) | 4-0 1/4 | (1226) | 3-6 1/8 | (1070) | 4-0 1/2 | (1232) | 3-6 1/4 | (1073) |
| UDGRT | 3659 | 3-0 1/2 | (927) | 2-6 1/4 | (768) | 3-1 | (940) | 2-6 1/2 | (775) | 5-0 1/4 | (1530) | 4-6 1/8 | (1375) | 5-0 1/2 | (1537) | 4-6 1/4 | (1378) |
| UDGRT | 3671 | 3-0 1/2 | (927) | 2-6 1/4 | (768) | 3-1 | (940) | 2-6 1/2 | (775) | 6-0 1/4 | (1835) | 5-6 1/8 | (1680) | 6-0 1/2 | (1842) | 5-6 1/4 | (1683) |
| UDGRT | 4011 | 3-4 1/2 | (1029) | 3-4 1/4 | (1022) | 3-5 | (1041) | 3-4 1/2 | (1029) | 1-0 1/4 | (311) | 0-6 25/32 | (172) | 1-0 1/2 | (318) | 0-6 59/64 | (176) |
| UDGRT | 4019 | 3-4 1/2 | (1029) | 3-4 1/4 | (1022) | 3-5 | (1041) | 3-4 1/2 | (1029) | 1-6 1/4 | (464) | 1-0 25/32 | (325) | 1-6 1/2 | (470) | 1-0 59/64 | (328) |
| UDGRT | 4023 | 3-4 1/2 | (1029) | 3-4 1/4 | (1022) | 3-5 | (1041) | 3-4 1/2 | (1029) | 2-0 1/4 | (616) | 1-6 25/32 | (477) | 2-0 1/2 | (622) | 1-6 59/64 | (481) |
| UDGRT | 4035 | 3-4 1/2 | (1029) | 3-4 1/4 | (1022) | 3-5 | (1041) | 3-4 1/2 | (1029) | 3-0 1/4 | (921) | 2-6 25/32 | (782) | 3-0 1/2 | (927) | 2-6 59/64 | (786) |
| UDGRT | 4047 | 3-4 1/2 | (1029) | 3-4 1/4 | (1022) | 3-5 | (1041) | 3-4 1/2 | (1029) | 4-0 1/4 | (1226) | 3-6 25/32 | (1087) | 4-0 1/2 | (1232) | 3-6 59/64 | (1090) |
| UDGRT | 4059 | 3-4 1/2 | (1029) | 3-4 1/4 | (1022) | 3-5 | (1041) | 3-4 1/2 | (1029) | 5-0 1/4 | (1530) | 4-6 25/32 | (1392) | 5-0 1/2 | (1537) | 4-6 59/64 | (1395) |
| UDGRT | 4071 | 3-4 1/2 | (1029) | 3-4 1/4 | (1022) | 3-5 | (1041) | 3-4 1/2 | (1029) | 6-0 1/4 | (1835) | 5-6 25/32 | (1696) | 6-0 1/2 | (1842) | 5-6 59/64 | (1700) |

Standard Sizes: Ultimate Casement Eyebrow Above Springline

| Ultimate Casement/Awning Direct Glaze Round Tops | | | | | | | | | | | | | | | | | |
|---|------|-----------------|--------|------------------------|--------|---------------|--------|----------------------|--------|-----------------|--------|----------------------------|--------|---------------|--------|--------------------------|--------|
| Shape - RT6 - Eyebrow Above Springline | | | | | | | | | | | | | | | | | |
| CN | | Width | | | | | | | | Height | | | | | | | |
| | | Masonry Opening | | Masonry Opening Radius | | Rough Opening | | Rough Opening Radius | | Masonry Opening | | Masonry Opening Springline | | Rough Opening | | Rough Opening Springline | |
| | | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm |
| UDGRT | 4819 | 4-0 1/2 | (1232) | 3-4 1/4 | (1022) | 4-1 | (1245) | 40 1/2 | (1029) | 1-6 1/4 | (464) | 0-10 1/8 | (257) | 1-6 1/2 | (470) | 0-10 1/4 | (260) |
| UDGRT | 4823 | 4-0 1/2 | (1232) | 3-4 1/4 | (1022) | 4-1 | (1245) | 3-4 1/2 | (1029) | 2-0 1/4 | (616) | 1-4 1/8 | (410) | 2-0 1/2 | (622) | 1-4 1/4 | (413) |
| UDGRT | 4835 | 4-0 1/2 | (1232) | 3-4 1/4 | (1022) | 4-1 | (1245) | 3-4 1/2 | (1029) | 3-0 1/4 | (921) | 2-4 1/8 | (714) | 3-0 1/2 | (927) | 2-4 1/4 | (718) |
| UDGRT | 4847 | 4-0 1/2 | (1232) | 3-4 1/4 | (1022) | 4-1 | (1245) | 3-4 1/2 | (1029) | 4-0 1/4 | (1226) | 3-4 1/8 | (1019) | 4-0 1/2 | (1232) | 3-4 1/4 | (1022) |
| UDGRT | 4859 | 4-0 1/2 | (1232) | 3-4 1/4 | (1022) | 4-1 | (1245) | 3-4 1/2 | (1029) | 5-0 1/4 | (1530) | 4-4 1/8 | (1324) | 5-0 1/2 | (1537) | 4-4 1/4 | (1327) |
| UDGRT | 4871 | 4-0 1/2 | (1232) | 3-4 1/4 | (1022) | 4-1 | (1245) | 3-4 1/2 | (1029) | 6-0 1/4 | (1835) | 5-4 1/8 | (1629) | 6-0 1/2 | (1842) | 5-4 1/4 | (1632) |
| UDGRT | 5619 | 4-8 1/2 | (1435) | 4-6 1/4 | (1378) | 4-9 | (1448) | 4-6 1/2 | (1384) | 1-6 1/4 | (464) | 0-10 5/16 | (262) | 1-6 1/2 | (470) | 0-10 29/64 | (266) |
| UDGRT | 5623 | 4-8 1/2 | (1435) | 4-6 1/4 | (1378) | 4-9 | (1448) | 4-6 1/2 | (1384) | 2-0 1/4 | (616) | 1-4 5/16 | (414) | 2-0 1/2 | (622) | 1-4 29/64 | (418) |
| UDGRT | 5635 | 4-8 1/2 | (1435) | 4-6 1/4 | (1378) | 4-9 | (1448) | 4-6 1/2 | (1384) | 3-0 1/4 | (921) | 2-4 5/16 | (719) | 3-0 1/2 | (927) | 2-4 29/64 | (723) |
| UDGRT | 5647 | 4-8 1/2 | (1435) | 4-6 1/4 | (1378) | 4-9 | (1448) | 4-6 1/2 | (1384) | 4-0 1/4 | (1226) | 3-4 5/16 | (1024) | 4-0 1/2 | (1232) | 3-4 29/64 | (1028) |
| UDGRT | 5659 | 4-8 1/2 | (1435) | 4-6 1/4 | (1378) | 4-9 | (1448) | 4-6 1/2 | (1384) | 5-0 1/4 | (1530) | 4-4 5/16 | (1329) | 5-0 1/2 | (1537) | 4-4 29/64 | (1332) |
| UDGRT | 5671 | 4-8 1/2 | (1435) | 4-6 1/4 | (1378) | 4-9 | (1448) | 4-6 1/2 | (1384) | 6-0 1/4 | (1835) | 5-4 5/16 | (1634) | 6-0 1/2 | (1842) | 5-4 29/64 | (1637) |
| UDGRT | 7219 | 6-0 1/2 | (1842) | 6-0 1/4 | (1835) | 6-1 | (1854) | 6-0 1/2 | (1842) | 1-6 1/4 | (464) | 0-8 1/2 | (216) | 1-6 1/2 | (470) | 0-8 41/64 | (220) |
| UDGRT | 7223 | 6-0 1/2 | (1842) | 6-0 1/4 | (1835) | 6-1 | (1854) | 6-0 1/2 | (1842) | 2-0 1/4 | (616) | 1-2 1/2 | (368) | 2-0 1/2 | (622) | 1-2 41/64 | (372) |
| UDGRT | 7235 | 6-0 1/2 | (1842) | 6-0 1/4 | (1835) | 6-1 | (1854) | 6-0 1/2 | (1842) | 3-0 1/4 | (921) | 2-2 1/2 | (673) | 3-0 1/2 | (927) | 2-2 41/64 | (677) |
| UDGRT | 7247 | 6-0 1/2 | (1842) | 6-0 1/4 | (1835) | 6-1 | (1854) | 6-0 1/2 | (1842) | 4-0 1/4 | (1226) | 3-2 1/2 | (978) | 4-0 1/2 | (1232) | 3-2 41/64 | (982) |
| UDGRT | 7259 | 6-0 1/2 | (1842) | 6-0 1/4 | (1835) | 6-1 | (1854) | 6-0 1/2 | (1842) | 5-0 1/4 | (1530) | 4-2 1/2 | (1283) | 5-0 1/2 | (1537) | 4-2 41/64 | (1286) |
| UDGRT | 7271 | 6-0 1/2 | (1842) | 6-0 1/4 | (1835) | 6-1 | (1854) | 6-0 1/2 | (1842) | 6-0 1/4 | (1835) | 5-2 1/2 | (1587) | 6-0 1/2 | (1842) | 5-2 41/64 | (1591) |

Standard Sizes: Ultimate Double Hung True Half Circle and Elliptical Direct Glaze

| Ultimate Double Hung Direct Glaze Round Tops | | | | | | | | | |
|---|------|-----------------|--------|---------------|--------|-----------------|-------|---------------|-------|
| Shape - RT1 - True Half Circle | | | | | | | | | |
| CN | | Width | | | | Height | | | |
| | | Masonry Opening | | Rough Opening | | Masonry Opening | | Rough Opening | |
| | | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm |
| UDGRT | 2914 | 2-5 7/8 | (759) | 2-6 3/8 | (772) | 1-2 15/16 | (379) | 1-3 3/16 | (386) |
| UDGRT | 3115 | 2-7 7/8 | (810) | 2-8 3/8 | (822) | 1-3 15/16 | (405) | 1-4 3/16 | (411) |
| UDGRT | 3316 | 2-9 7/8 | (860) | 2-10 3/8 | (873) | 1-4 15/16 | (430) | 1-5 3/16 | (437) |
| UDGRT | 3517 | 2-11 7/8 | (911) | 3-0 3/8 | (924) | 1-5 15/16 | (456) | 1-6 3/16 | (462) |
| UDGRT | 3718 | 3-1 7/8 | (962) | 3-2 3/8 | (975) | 1-6 15/16 | (481) | 1-7 3/16 | (487) |
| UDGRT | 4120 | 3-5 7/8 | (1064) | 3-6 3/8 | (1076) | 1-8 15/16 | (532) | 1-9 3/16 | (538) |
| UDGRT | 4522 | 3-9 7/8 | (1165) | 3-10 3/8 | (1178) | 1-10 15/16 | (583) | 1-11 3/16 | (589) |
| UDGRT | 5025 | 4-3 1/4 | (1302) | 4-3 3/4 | (1314) | 2-1 5/8 | (651) | 2-1 7/8 | (657) |
| UDGRT | 5828 | 4-11 1/4 | (1505) | 4-11 3/4 | (1518) | 2-5 5/8 | (752) | 2-5 7/8 | (759) |
| UDGRT | 6632 | 5-7 1/4 | (1708) | 5-7 3/4 | (1721) | 2-9 5/8 | (854) | 2-9 7/8 | (860) |
| UDGRT | 7437 | 6-3 1/4 | (1911) | 6-3 3/4 | (1924) | 3-1 5/8 | (956) | 3-1 7/8 | (962) |
| Shape - RT29 - Elliptical | | | | | | | | | |
| UDGRT | 5118 | 4-3 1/4 | (1302) | 0 | (1314) | 1-5 11/16 | (449) | 1-5 15/16 | (456) |
| UDGRT | 5918 | 4-11 1/4 | (1505) | 4-11 3/4 | (1518) | 1-5 11/16 | (449) | 1-5 15/16 | (456) |
| UDGRT | 6718 | 5-7 1/4 | (1708) | 5-7 3/4 | (1721) | 1-5 11/16 | (449) | 1-5 15/16 | (456) |
| UDGRT | 7518 | 6-3 1/4 | (1911) | 6-3 3/4 | (1924) | 1-5 11/16 | (449) | 1-5 15/16 | (456) |

Standard Sizes: Ultimate Double Hung - Eyebrow Above Springline

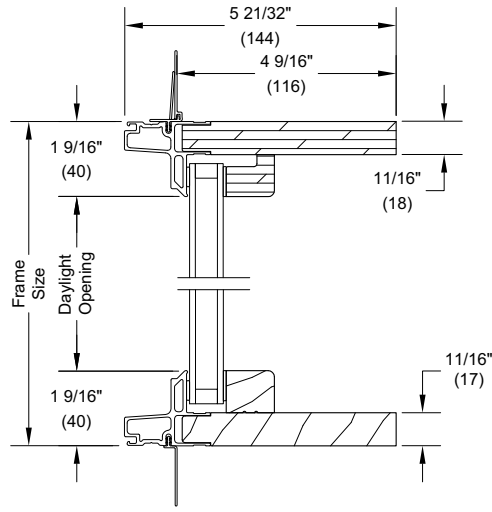
| Ultimate Double Hung Direct Glaze Round Tops | | | | | | | | | | | | | | | | |
|---|-----------------|----------------|------------------------|----------------|----------------|----------------|----------------------|----------------|------------------|----|----------------------------|----|---------------|----|--------------------------|----|
| Shape - RT6 - Eyebrow Above Springline | | | | | | | | | | | | | | | | |
| CN | Width | | | | | | | | Height | | | | | | | |
| | Masonry Opening | | Masonry Opening Radius | | Rough Opening | | Rough Opening Radius | | Masonry Opening | | Masonry Opening Springline | | Rough Opening | | Rough Opening Springline | |
| | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm |
| UDGRT | 2511 | 2-1 7/8 (657) | 2-0 1/4 (616) | 2-2 3/8 (670) | 2-0 1/2 (622) | 1-0 1/4 (311) | 0-8 33/64 (216) | 1-0 1/2 (318) | 0-8 41/64 (220) | | | | | | | |
| UDGRT | 2519 | 2-1 7/8 (657) | 2-0 1/4 (616) | 2-2 3/8 (670) | 2-0 1/2 (622) | 1-6 1/4 (464) | 1-2 33/64 (369) | 1-6 1/2 (470) | 1-2 41/64 (372) | | | | | | | |
| UDGRT | 2523 | 2-1 7/8 (657) | 2-0 1/4 (616) | 2-2 3/8 (670) | 2-0 1/2 (622) | 2-0 1/4 (616) | 1-8 33/64 (521) | 2-0 1/2 (622) | 1-8 41/64 (524) | | | | | | | |
| UDGRT | 2535 | 2-1 7/8 (657) | 2-0 1/4 (616) | 2-2 3/8 (670) | 2-0 1/2 (622) | 3-0 1/4 (921) | 2-8 33/64 (826) | 3-0 1/2 (927) | 2-8 41/64 (829) | | | | | | | |
| UDGRT | 2547 | 2-1 7/8 (657) | 2-0 1/4 (616) | 2-2 3/8 (670) | 2-0 1/2 (622) | 4-0 1/4 (1226) | 3-8 33/64 (1131) | 4-0 1/2 (1232) | 3-8 41/64 (1134) | | | | | | | |
| UDGRT | 2559 | 2-1 7/8 (657) | 2-0 1/4 (616) | 2-2 3/8 (670) | 2-0 1/2 (622) | 5-0 1/4 (1530) | 4-8 33/64 (1435) | 5-0 1/2 (1537) | 4-8 41/64 (1439) | | | | | | | |
| UDGRT | 2571 | 2-1 7/8 (657) | 2-0 1/4 (616) | 2-2 3/8 (670) | 2-0 1/2 (622) | 6-0 1/4 (1835) | 5-8 33/64 (1740) | 6-0 1/2 (1842) | 5-8 41/64 (1744) | | | | | | | |
| UDGRT | 2911 | 2-5 7/8 (759) | 2-0 1/4 (616) | 2-6 3/8 (772) | 2-0 1/2 (622) | 1-0 1/4 (311) | 0-7 7/64 (180) | 1-0 1/2 (318) | 0-7 7/32 (184) | | | | | | | |
| UDGRT | 2919 | 2-5 7/8 (759) | 2-0 1/4 (616) | 2-6 3/8 (772) | 2-0 1/2 (622) | 1-6 1/4 (464) | 1-1 7/64 (333) | 1-6 1/2 (470) | 1-1 7/32 (336) | | | | | | | |
| UDGRT | 2923 | 2-5 7/8 (759) | 2-0 1/4 (616) | 2-6 3/8 (772) | 2-0 1/2 (622) | 2-0 1/4 (616) | 1-7 7/64 (485) | 2-0 1/2 (622) | 1-7 7/32 (488) | | | | | | | |
| UDGRT | 2935 | 2-5 7/8 (759) | 2-0 1/4 (616) | 2-6 3/8 (772) | 2-0 1/2 (622) | 3-0 1/4 (921) | 2-7 7/64 (790) | 3-0 1/2 (927) | 2-7 7/32 (793) | | | | | | | |
| UDGRT | 2947 | 2-5 7/8 (759) | 2-0 1/4 (616) | 2-6 3/8 (772) | 2-0 1/2 (622) | 4-0 1/4 (1226) | 3-7 7/64 (1095) | 4-0 1/2 (1232) | 3-7 7/32 (1098) | | | | | | | |
| UDGRT | 2959 | 2-5 7/8 (759) | 2-0 1/4 (616) | 2-6 3/8 (772) | 2-0 1/2 (622) | 5-0 1/4 (1530) | 4-7 7/64 (1400) | 5-0 1/2 (1537) | 4-7 7/32 (1403) | | | | | | | |
| UDGRT | 2971 | 2-5 7/8 (759) | 2-0 1/4 (616) | 2-6 3/8 (772) | 2-0 1/2 (622) | 6-0 1/4 (1835) | 5-7 7/64 (1704) | 6-0 1/2 (1842) | 5-7 7/32 (1708) | | | | | | | |
| UDGRT | 3111 | 2-7 7/8 (810) | 2-6 1/4 (768) | 2-8 3/8 (822) | 2-6 1/2 (775) | 1-0 1/4 (311) | 0-7 23/32 (196) | 1-0 1/2 (318) | 0-7 27/32 (199) | | | | | | | |
| UDGRT | 3119 | 2-7 7/8 (810) | 2-6 1/4 (768) | 2-8 3/8 (822) | 2-6 1/2 (775) | 1-6 1/4 (464) | 1-1 23/32 (348) | 1-6 1/2 (470) | 1-1 27/32 (352) | | | | | | | |
| UDGRT | 3123 | 2-7 7/8 (810) | 2-6 1/4 (768) | 2-8 3/8 (822) | 2-6 1/2 (775) | 2-0 1/4 (616) | 1-7 23/32 (501) | 2-0 1/2 (622) | 1-7 27/32 (504) | | | | | | | |
| UDGRT | 3135 | 2-7 7/8 (810) | 2-6 1/4 (768) | 2-8 3/8 (822) | 2-6 1/2 (775) | 3-0 1/4 (921) | 2-7 23/32 (805) | 3-0 1/2 (927) | 2-7 27/32 (809) | | | | | | | |
| UDGRT | 3147 | 2-7 7/8 (810) | 2-6 1/4 (768) | 2-8 3/8 (822) | 2-6 1/2 (775) | 4-0 1/4 (1226) | 3-7 23/32 (1110) | 4-0 1/2 (1232) | 3-7 27/32 (1114) | | | | | | | |
| UDGRT | 3159 | 2-7 7/8 (810) | 2-6 1/4 (768) | 2-8 3/8 (822) | 2-6 1/2 (775) | 5-0 1/4 (1530) | 4-7 23/32 (1415) | 5-0 1/2 (1537) | 4-7 27/32 (1419) | | | | | | | |
| UDGRT | 3171 | 2-7 7/8 (810) | 2-6 1/4 (768) | 2-8 3/8 (822) | 2-6 1/2 (775) | 6-0 1/4 (1835) | 5-7 23/32 (1720) | 6-0 1/2 (1842) | 5-7 27/32 (1723) | | | | | | | |
| UDGRT | 3311 | 2-9 7/8 (860) | 2-6 1/4 (768) | 2-10 3/8 (873) | 2-6 1/2 (775) | 1-0 1/4 (311) | 0-7 1/16 (179) | 1-0 1/2 (318) | 0-7 13/64 (183) | | | | | | | |
| UDGRT | 3319 | 2-9 7/8 (860) | 2-6 1/4 (768) | 2-10 3/8 (873) | 2-6 1/2 (775) | 1-6 1/4 (464) | 1-1 1/16 (332) | 1-6 1/2 (470) | 1-1 13/64 (335) | | | | | | | |
| UDGRT | 3323 | 2-9 7/8 (860) | 2-6 1/4 (768) | 2-10 3/8 (873) | 2-6 1/2 (775) | 2-0 1/4 (616) | 1-7 1/16 (484) | 2-0 1/2 (622) | 1-7 13/64 (488) | | | | | | | |
| UDGRT | 3335 | 2-9 7/8 (860) | 2-6 1/4 (768) | 2-10 3/8 (873) | 2-6 1/2 (775) | 3-0 1/4 (921) | 2-7 1/16 (789) | 3-0 1/2 (927) | 2-7 13/64 (792) | | | | | | | |
| UDGRT | 3347 | 2-9 7/8 (860) | 2-6 1/4 (768) | 2-10 3/8 (873) | 2-6 1/2 (775) | 4-0 1/4 (1226) | 3-7 1/16 (1094) | 4-0 1/2 (1232) | 3-7 13/64 (1097) | | | | | | | |
| UDGRT | 3359 | 2-9 7/8 (860) | 2-6 1/4 (768) | 2-10 3/8 (873) | 2-6 1/2 (775) | 5-0 1/4 (1530) | 4-7 1/16 (1399) | 5-0 1/2 (1537) | 4-7 13/64 (1402) | | | | | | | |
| UDGRT | 3371 | 2-9 7/8 (860) | 2-6 1/4 (768) | 2-10 3/8 (873) | 2-6 1/2 (775) | 6-0 1/4 (1835) | 5-7 1/16 (1703) | 6-0 1/2 (1842) | 5-7 13/64 (1707) | | | | | | | |
| UDGRT | 3511 | 2-11 7/8 (911) | 2-6 1/4 (768) | 3-0 3/8 (924) | 2-6 1/2 (775) | 1-0 1/4 (311) | 0-6 23/64 (161) | 1-0 1/2 (318) | 0-6 31/64 (165) | | | | | | | |
| UDGRT | 3519 | 2-11 7/8 (911) | 2-6 1/4 (768) | 3-0 3/8 (924) | 2-6 1/2 (775) | 1-6 1/4 (464) | 1-0 23/64 (314) | 1-6 1/2 (470) | 1-0 31/64 (317) | | | | | | | |
| UDGRT | 3523 | 2-11 7/8 (911) | 2-6 1/4 (768) | 3-0 3/8 (924) | 2-6 1/2 (775) | 2-0 1/4 (616) | 1-6 23/64 (466) | 2-0 1/2 (622) | 1-6 31/64 (469) | | | | | | | |
| UDGRT | 3535 | 2-11 7/8 (911) | 2-6 1/4 (768) | 3-0 3/8 (924) | 2-6 1/2 (775) | 3-0 1/4 (921) | 2-6 23/64 (771) | 3-0 1/2 (927) | 2-6 31/64 (774) | | | | | | | |
| UDGRT | 3547 | 2-11 7/8 (911) | 2-6 1/4 (768) | 3-0 3/8 (924) | 2-6 1/2 (775) | 4-0 1/4 (1226) | 3-6 23/64 (1076) | 4-0 1/2 (1232) | 3-6 31/64 (1079) | | | | | | | |
| UDGRT | 3559 | 2-11 7/8 (911) | 2-6 1/4 (768) | 3-0 3/8 (924) | 2-6 1/2 (775) | 5-0 1/4 (1530) | 4-6 23/64 (1381) | 5-0 1/2 (1537) | 4-6 31/64 (1384) | | | | | | | |
| UDGRT | 3571 | 2-11 7/8 (911) | 2-6 1/4 (768) | 3-0 3/8 (924) | 2-6 1/2 (775) | 6-0 1/4 (1835) | 5-6 23/64 (1685) | 6-0 1/2 (1842) | 5-6 31/64 (1689) | | | | | | | |
| UDGRT | 3711 | 3-1 7/8 (962) | 3-4 1/4 (1022) | 3-2 3/8 (975) | 3-4 1/2 (1029) | 1-0 1/4 (311) | 0-7 33/64 (191) | 1-0 1/2 (318) | 0-7 43/64 (195) | | | | | | | |
| UDGRT | 3719 | 3-1 7/8 (962) | 3-4 1/4 (1022) | 3-2 3/8 (975) | 3-4 1/2 (1029) | 1-6 1/4 (464) | 1-1 33/64 (343) | 1-6 1/2 (470) | 1-1 43/64 (347) | | | | | | | |
| UDGRT | 3723 | 3-1 7/8 (962) | 3-4 1/4 (1022) | 3-2 3/8 (975) | 3-4 1/2 (1029) | 2-0 1/4 (616) | 1-7 33/64 (496) | 2-0 1/2 (622) | 1-7 43/64 (500) | | | | | | | |
| UDGRT | 3735 | 3-1 7/8 (962) | 3-4 1/4 (1022) | 3-2 3/8 (975) | 3-4 1/2 (1029) | 3-0 1/4 (921) | 2-7 33/64 (801) | 3-0 1/2 (927) | 2-7 43/64 (804) | | | | | | | |

Standard Sizes: Ultimate Ultimate Double Hung - Eyebrow Above Springline

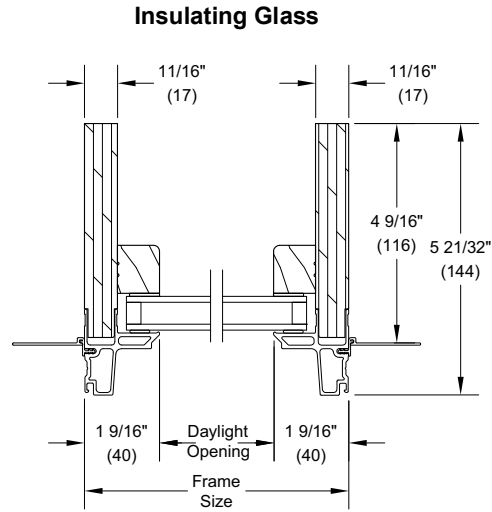
| Ultimate Double Hung Direct Glaze Round Tops | | | | | | | | | | | | | | | | | |
|---|-----------------|----------|------------------------|---------|---------------|----------|----------------------|---------|-----------------|---------|----------------------------|-----------|---------------|---------|--------------------------|------------|--------|
| Shape - RT6 - Eyebrow Above Springline | | | | | | | | | | | | | | | | | |
| CN | Width | | | | | | | | Height | | | | | | | | |
| | Masonry Opening | | Masonry Opening Radius | | Rough Opening | | Rough Opening Radius | | Masonry Opening | | Masonry Opening Springline | | Rough Opening | | Rough Opening Springline | | |
| | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | ft-in | mm | |
| UDGRT | 3747 | 3-1 7/8 | (962) | 3-4 1/4 | (1022) | 3-2 3/8 | (975) | 3-4 1/2 | (1029) | 4-0 1/4 | (1226) | 3-7 33/64 | (1105) | 4-0 1/2 | (1232) | 3-7 43/64 | (1109) |
| UDGRT | 3759 | 3-1 7/8 | (962) | 3-4 1/4 | (1022) | 3-2 3/8 | (975) | 3-4 1/2 | (1029) | 5-0 1/4 | (1530) | 4-7 33/64 | (1410) | 5-0 1/2 | (1537) | 4-7 43/64 | (1414) |
| UDGRT | 3771 | 3-1 7/8 | (962) | 3-4 1/4 | (1022) | 3-2 3/8 | (975) | 3-4 1/2 | (1029) | 6-0 1/4 | (1835) | 5-7 33/64 | (1715) | 6-0 1/2 | (1842) | 5-7 43/64 | (1719) |
| UDGRT | 4111 | 3-5 7/8 | (1064) | 3-4 1/4 | (1022) | 3-6 3/8 | (1076) | 3-4 1/2 | (1029) | 1-0 1/4 | (311) | 0-6 3/8 | (162) | 1-0 1/2 | (318) | 0-6 33/64 | (166) |
| UDGRT | 4119 | 3-5 7/8 | (1064) | 3-4 1/4 | (1022) | 3-6 3/8 | (1076) | 3-4 1/2 | (1029) | 1-6 1/4 | (464) | 1-0 3/8 | (314) | 1-6 1/2 | (470) | 1-0 33/64 | (318) |
| UDGRT | 4123 | 3-5 7/8 | (1064) | 3-4 1/4 | (1022) | 3-6 3/8 | (1076) | 3-4 1/2 | (1029) | 2-0 1/4 | (616) | 1-6 3/8 | (467) | 2-0 1/2 | (622) | 1-6 33/64 | (470) |
| UDGRT | 4135 | 3-5 7/8 | (1064) | 3-4 1/4 | (1022) | 3-6 3/8 | (1076) | 3-4 1/2 | (1029) | 3-0 1/4 | (921) | 2-6 3/8 | (772) | 3-0 1/2 | (927) | 2-6 33/64 | (775) |
| UDGRT | 4147 | 3-5 7/8 | (1064) | 3-4 1/4 | (1022) | 3-6 3/8 | (1076) | 3-4 1/2 | (1029) | 4-0 1/4 | (1226) | 3-6 3/8 | (1076) | 4-0 1/2 | (1232) | 3-6 33/64 | (1080) |
| UDGRT | 4159 | 3-5 7/8 | (1064) | 3-4 1/4 | (1022) | 3-6 3/8 | (1076) | 3-4 1/2 | (1029) | 5-0 1/4 | (1530) | 4-6 3/8 | (1381) | 5-0 1/2 | (1537) | 4-6 33/64 | (1385) |
| UDGRT | 4171 | 3-5 7/8 | (1064) | 3-4 1/4 | (1022) | 3-6 3/8 | (1076) | 3-4 1/2 | (1029) | 6-0 1/4 | (1835) | 5-6 3/8 | (1686) | 6-0 1/2 | (1842) | 5-6 33/64 | (1690) |
| UDGRT | 4519 | 3-9 7/8 | (1165) | 3-4 1/4 | (1022) | 3-10 3/8 | (1178) | 3-4 1/2 | (1029) | 1-6 1/4 | (464) | 0-11 5/64 | (281) | 1-6 1/2 | (470) | 0-11 13/64 | (285) |
| UDGRT | 4523 | 3-9 7/8 | (1165) | 3-4 1/4 | (1022) | 3-10 3/8 | (1178) | 3-4 1/2 | (1029) | 2-0 1/4 | (616) | 1-5 5/64 | (434) | 2-0 1/2 | (622) | 1-5 13/64 | (437) |
| UDGRT | 4535 | 3-9 7/8 | (1165) | 3-4 1/4 | (1022) | 3-10 3/8 | (1178) | 3-4 1/2 | (1029) | 3-0 1/4 | (921) | 2-5 5/64 | (738) | 3-0 1/2 | (927) | 2-5 13/64 | (742) |
| UDGRT | 4547 | 3-9 7/8 | (1165) | 3-4 1/4 | (1022) | 3-10 3/8 | (1178) | 3-4 1/2 | (1029) | 4-0 1/4 | (1226) | 3-5 5/64 | (1043) | 4-0 1/2 | (1232) | 3-5 13/64 | (1047) |
| UDGRT | 4559 | 3-9 7/8 | (1165) | 3-4 1/4 | (1022) | 3-10 3/8 | (1178) | 3-4 1/2 | (1029) | 5-0 1/4 | (1530) | 4-5 5/64 | (1348) | 5-0 1/2 | (1537) | 4-5 13/64 | (1351) |
| UDGRT | 4571 | 3-9 7/8 | (1165) | 3-4 1/4 | (1022) | 3-10 3/8 | (1178) | 3-4 1/2 | (1029) | 6-0 1/4 | (1835) | 5-5 5/64 | (1653) | 6-0 1/2 | (1842) | 5-5 13/64 | (1656) |
| UDGRT | 5119 | 4-3 1/4 | (1302) | 3-4 1/4 | (1022) | 4-3 3/4 | (1314) | 3-4 1/2 | (1029) | 1-6 1/4 | (464) | 0-9 1/32 | (230) | 1-6 1/2 | (470) | 0-9 5/32 | (233) |
| UDGRT | 5123 | 4-3 1/4 | (1302) | 3-4 1/4 | (1022) | 4-3 3/4 | (1314) | 3-4 1/2 | (1029) | 2-0 1/4 | (616) | 1-3 1/32 | (382) | 2-0 1/2 | (622) | 1-3 5/32 | (385) |
| UDGRT | 5135 | 4-3 1/4 | (1302) | 3-4 1/4 | (1022) | 4-3 3/4 | (1314) | 3-4 1/2 | (1029) | 3-0 1/4 | (921) | 2-3 1/32 | (687) | 3-0 1/2 | (927) | 2-3 5/32 | (690) |
| UDGRT | 5147 | 4-3 1/4 | (1302) | 3-4 1/4 | (1022) | 4-3 3/4 | (1314) | 3-4 1/2 | (1029) | 4-0 1/4 | (1226) | 3-3 1/32 | (992) | 4-0 1/2 | (1232) | 3-3 5/32 | (995) |
| UDGRT | 5159 | 4-3 1/4 | (1302) | 3-4 1/4 | (1022) | 4-3 3/4 | (1314) | 3-4 1/2 | (1029) | 5-0 1/4 | (1530) | 4-3 1/32 | (1296) | 5-0 1/2 | (1537) | 4-3 5/32 | (1299) |
| UDGRT | 5171 | 4-3 1/4 | (1302) | 3-4 1/4 | (1022) | 4-3 3/4 | (1314) | 3-4 1/2 | (1029) | 6-0 1/4 | (1835) | 5-3 1/32 | (1601) | 6-0 1/2 | (1842) | 5-3 5/32 | (1604) |
| UDGRT | 5919 | 4-11 1/4 | (1505) | 4-6 1/4 | (1378) | 4-11 3/4 | (1518) | 4-6 1/2 | (1384) | 1-6 1/4 | (464) | 0-9 29/64 | (240) | 1-6 1/2 | (470) | 0-9 37/64 | (243) |
| UDGRT | 5923 | 4-11 1/4 | (1505) | 4-6 1/4 | (1378) | 4-11 3/4 | (1518) | 4-6 1/2 | (1384) | 2-0 1/4 | (616) | 1-3 29/64 | (392) | 2-0 1/2 | (622) | 1-3 37/64 | (396) |
| UDGRT | 5935 | 4-11 1/4 | (1505) | 4-6 1/4 | (1378) | 4-11 3/4 | (1518) | 4-6 1/2 | (1384) | 3-0 1/4 | (921) | 2-3 29/64 | (697) | 3-0 1/2 | (927) | 2-3 37/64 | (701) |
| UDGRT | 5947 | 4-11 1/4 | (1505) | 4-6 1/4 | (1378) | 4-11 3/4 | (1518) | 4-6 1/2 | (1384) | 4-0 1/4 | (1226) | 3-3 29/64 | (1002) | 4-0 1/2 | (1232) | 3-3 37/64 | (1005) |
| UDGRT | 5959 | 4-11 1/4 | (1505) | 4-6 1/4 | (1378) | 4-11 3/4 | (1518) | 4-6 1/2 | (1384) | 5-0 1/4 | (1530) | 4-3 29/64 | (1307) | 5-0 1/2 | (1537) | 4-3 37/64 | (1310) |
| UDGRT | 5971 | 4-11 1/4 | (1505) | 4-6 1/4 | (1378) | 4-11 3/4 | (1518) | 4-6 1/2 | (1384) | 6-0 1/4 | (1835) | 5-3 29/64 | (1612) | 6-0 1/2 | (1842) | 5-3 37/64 | (1615) |
| UDGRT | 6719 | 5-7 1/4 | (1708) | 6-0 1/4 | (1835) | 5-7 3/4 | (1721) | 6-0 1/2 | (1842) | 1-6 1/4 | (464) | 0-9 61/64 | (253) | 1-6 1/2 | (470) | 0-10 3/32 | (257) |
| UDGRT | 6723 | 5-7 1/4 | (1708) | 6-0 1/4 | (1835) | 5-7 3/4 | (1721) | 6-0 1/2 | (1842) | 2-0 1/4 | (616) | 1-3 61/64 | (405) | 2-0 1/2 | (622) | 1-4 3/32 | (409) |
| UDGRT | 6735 | 5-7 1/4 | (1708) | 6-0 1/4 | (1835) | 5-7 3/4 | (1721) | 6-0 1/2 | (1842) | 3-0 1/4 | (921) | 2-3 61/64 | (710) | 3-0 1/2 | (927) | 2-4 3/32 | (714) |
| UDGRT | 6747 | 5-7 1/4 | (1708) | 6-0 1/4 | (1835) | 5-7 3/4 | (1721) | 6-0 1/2 | (1842) | 4-0 1/4 | (1226) | 3-3 61/64 | (1015) | 4-0 1/2 | (1232) | 3-4 3/32 | (1019) |
| UDGRT | 6759 | 5-7 1/4 | (1708) | 6-0 1/4 | (1835) | 5-7 3/4 | (1721) | 6-0 1/2 | (1842) | 5-0 1/4 | (1530) | 4-3 61/64 | (1319) | 5-0 1/2 | (1537) | 4-4 3/32 | (1323) |
| UDGRT | 6771 | 5-7 1/4 | (1708) | 6-0 1/4 | (1835) | 5-7 3/4 | (1721) | 6-0 1/2 | (1842) | 6-0 1/4 | (1835) | 5-3 61/64 | (1624) | 6-0 1/2 | (1842) | 5-4 3/32 | (1628) |
| UDGRT | 7519 | 6-3 1/4 | (1911) | 6-0 1/4 | (1835) | 6-3 3/4 | (1924) | 6-0 1/2 | (1842) | 1-6 1/4 | (464) | 0-7 11/16 | (195) | 1-6 1/2 | (470) | 0-7 13/16 | (199) |
| UDGRT | 7523 | 6-3 1/4 | (1911) | 6-0 1/4 | (1835) | 6-3 3/4 | (1924) | 6-0 1/2 | (1842) | 2-0 1/4 | (616) | 1-1 11/16 | (347) | 2-0 1/2 | (622) | 1-1 13/16 | (351) |
| UDGRT | 7535 | 6-3 1/4 | (1911) | 6-0 1/4 | (1835) | 6-3 3/4 | (1924) | 6-0 1/2 | (1842) | 3-0 1/4 | (921) | 2-1 11/16 | (652) | 3-0 1/2 | (927) | 2-1 13/16 | (656) |
| UDGRT | 7547 | 6-3 1/4 | (1911) | 6-0 1/4 | (1835) | 6-3 3/4 | (1924) | 6-0 1/2 | (1842) | 4-0 1/4 | (1226) | 3-1 11/16 | (957) | 4-0 1/2 | (1232) | 3-1 13/16 | (961) |
| UDGRT | 7559 | 6-3 1/4 | (1911) | 6-0 1/4 | (1835) | 6-3 3/4 | (1924) | 6-0 1/2 | (1842) | 5-0 1/4 | (1530) | 4-1 11/16 | (1262) | 5-0 1/2 | (1537) | 4-1 13/16 | (1265) |
| UDGRT | 7571 | 6-3 1/4 | (1911) | 6-0 1/4 | (1835) | 6-3 3/4 | (1924) | 6-0 1/2 | (1842) | 6-0 1/4 | (1835) | 5-1 11/16 | (1567) | 6-0 1/2 | (1842) | 5-1 13/16 | (1570) |

Section Details: Ultimate Direct Glaze Round Top/Polygon/Rectangle-DG-4/4 RT Frame

Scale: 3' = 1' 0"

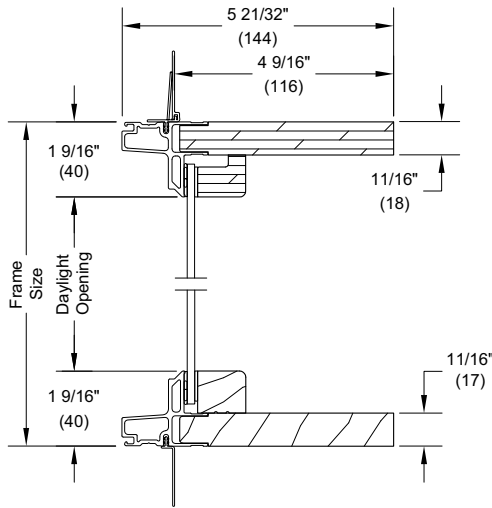


Head Jamb and Sill

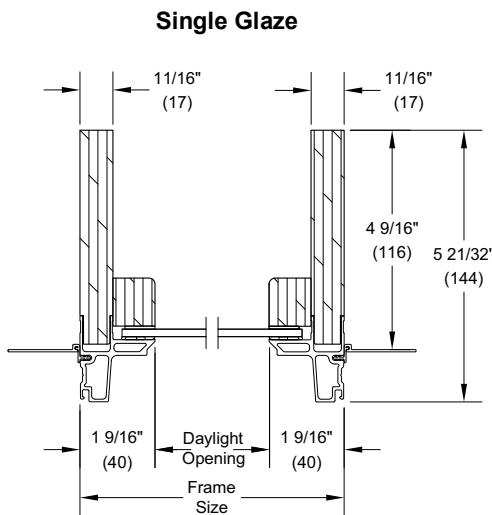


Insulating Glass

Jamba

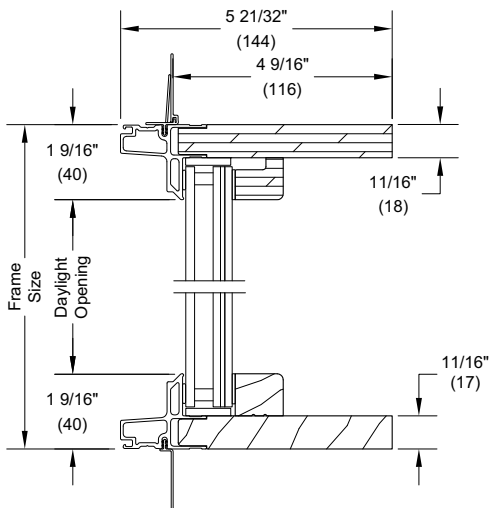


Head Jamb and Sill

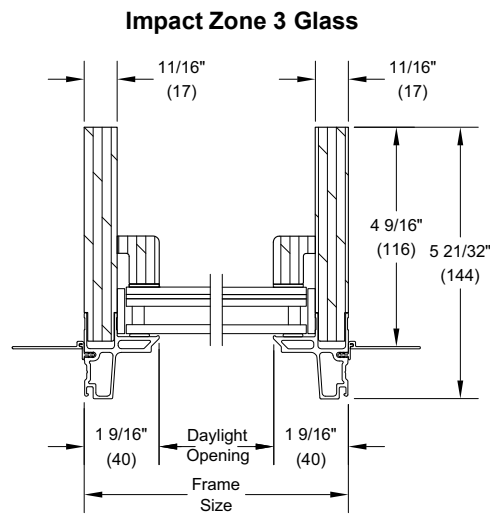


Single Glaze

Jamba



Head Jamb and Sill

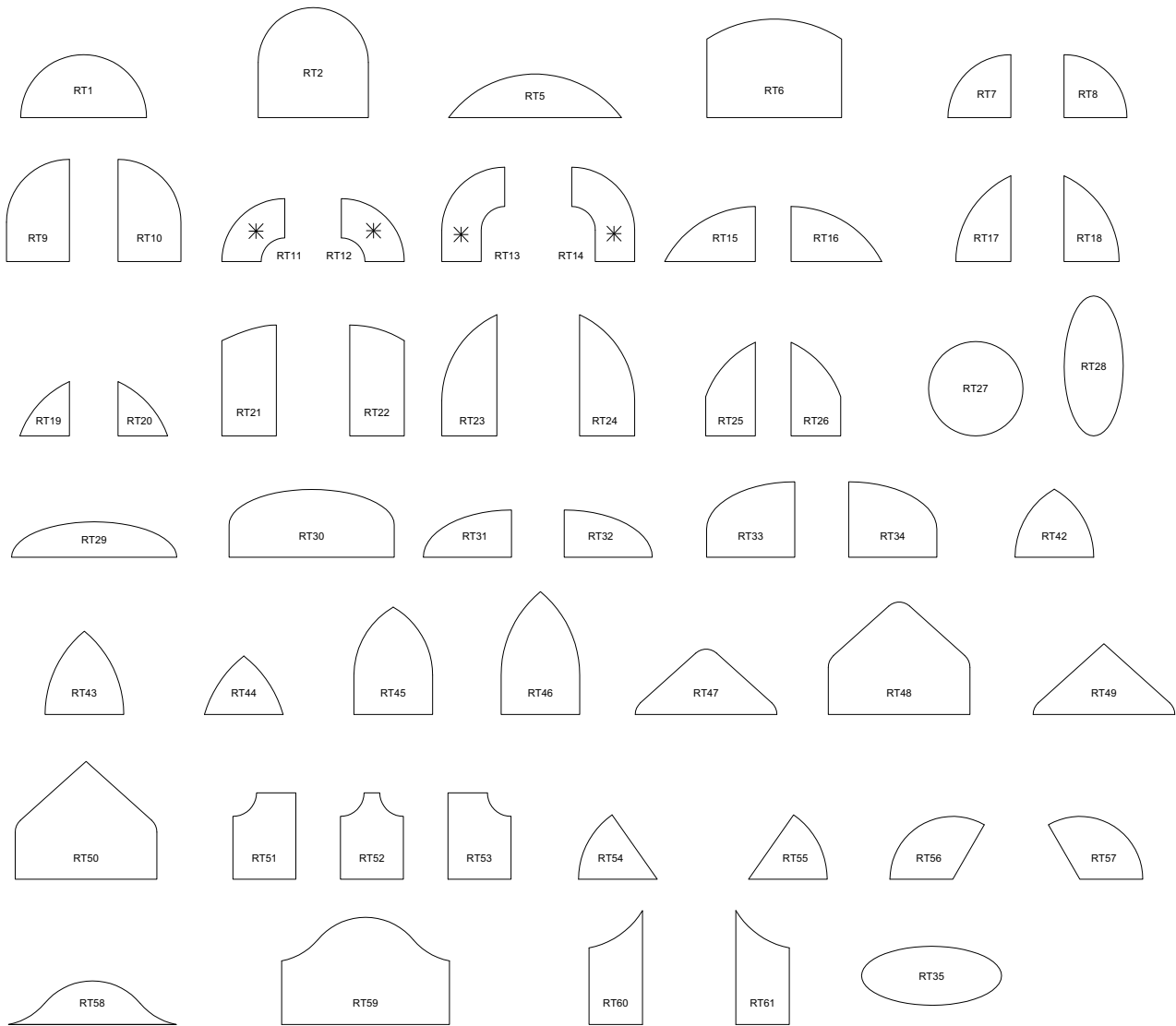


Impact Zone 3 Glass

Jamba

NOTE: Single glaze and IZ3 glazing is not available with CE mark

Ultimate Direct Glaze Round Top Shape Reference

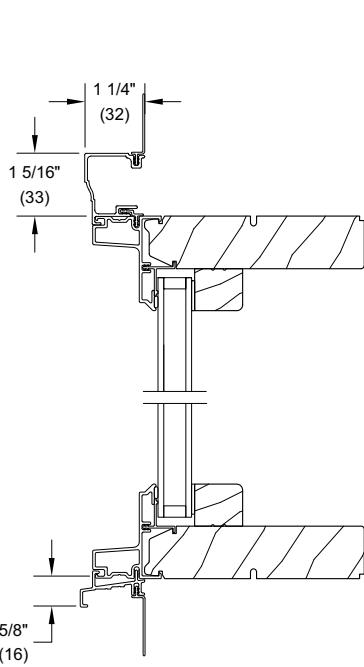


NOTE: For RT11, RT12, RT13 or RT14, please contact your Marvin representative for limitations.

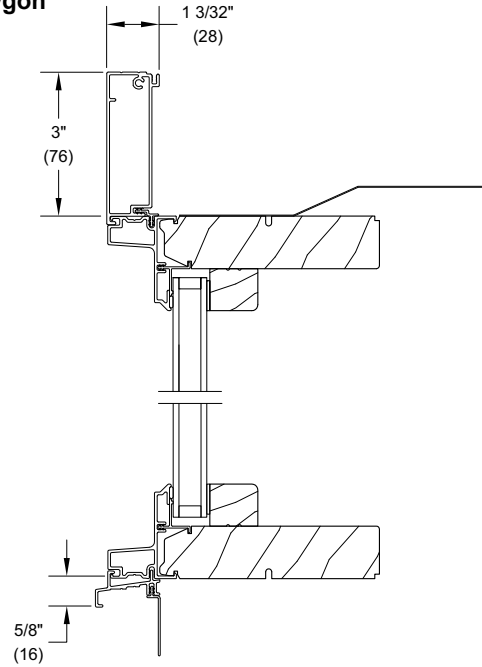
Section Details: Casing Options - Direct Set Polygon and Direct Set Round Top

Scale: 3' = 1' 0"

Ultimate Direct Glaze Polygon

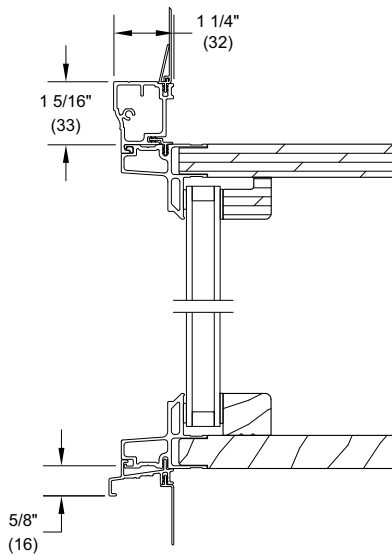


Head Jamb and Sill
with Clad Brick Mould Casing

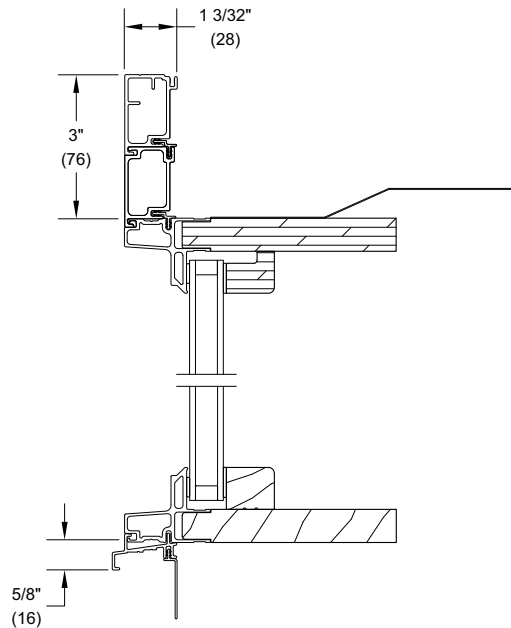


Head Jamb and Sill
with Clad Flat Casing

Ultimate Direct Glaze Round Top



Head Jamb and Sill
with Clad Brick Mould Casing

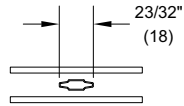


Head Jamb and Sill
with Clad Flat Casing

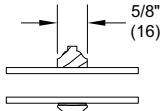
Ultimate Direct Glaze Polygon and Round Top - Insulated Glass Divided Lite Options



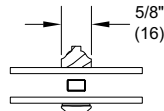
Insulating Glass



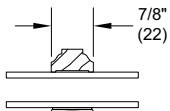
Aluminum 23/32"
Contour GBG



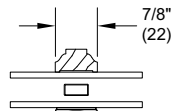
5/8" SDL



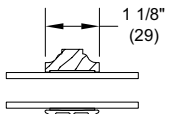
5/8" SDL
W/Spacer



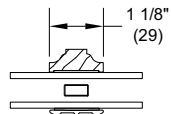
7/8" SDL



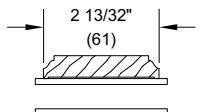
7/8" SDL
W/Spacer Bar



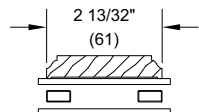
1 1/8" SDL



1 1/8" SDL
W/Spacer Bar



2 13/32" SDL



2 13/32" SDL
W/Two Spacer Bars

Ultimate Direct Glaze Polygon and Round Top - Insulated Glass Square SDL Option

