



Cardinal Glass Industries

Cardinal Bar Configuration Catalog

IG Bar Information Terminology

General

- Bar location(s) and opening(s) are determined from the exterior view and from bottom to top and left to right starting in the lower left hand corner of the glass (origin point). The bar index/placement(s) will be stored this way.
- Horizontal grille indexes or placement values refer to where the **horizontal** bars will be located (notches/punches on the vertical axis).
- Horizontal notch/punch index/placement (along the horizontal axis) refers to where the **vertical** bar will be placed.
- Vertical grille index or placement values refer to where the **vertical** grille will be located (notches/punches on the horizontal axis).
- Vertical notch/punch index/placement (along the vertical axis) refers to where the **horizontal** bar will be placed.

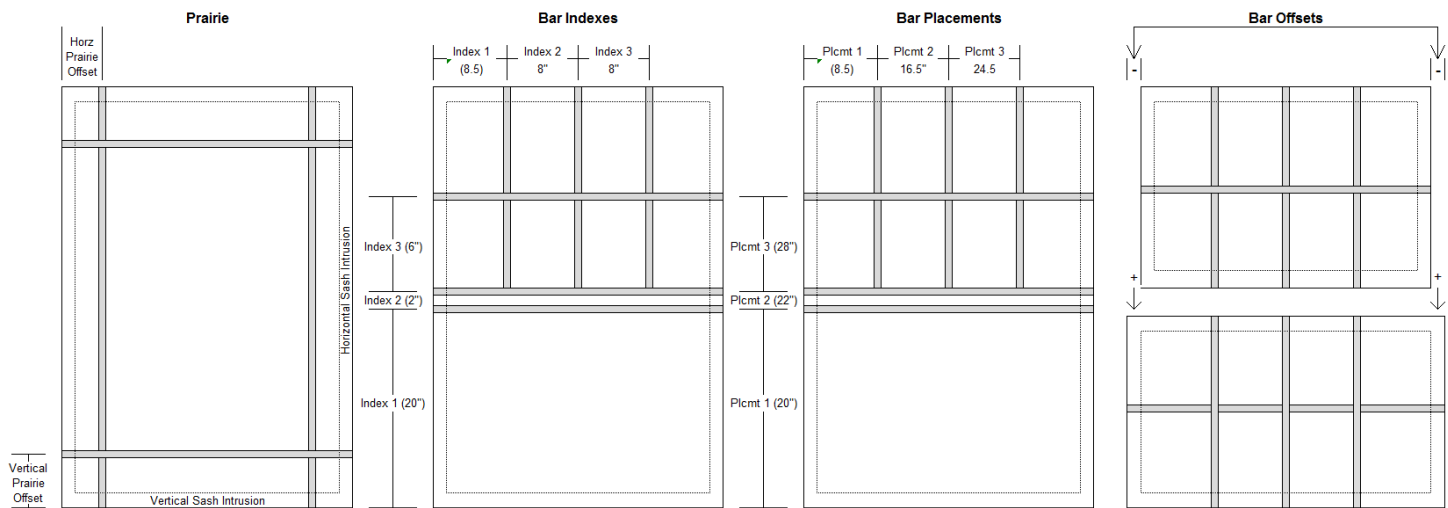


Figure 1 (Prairie)

- **Prairie Offset** – Placement of Prairie grids (Vertical and Horizontal) from edge of glass to center of bar.
- **Sash Intrusions** – sash intrusions are the non-visible portion of the glass that is hidden by the sash (used for determining equal opening).

Figure 2 (Bar Indexes)

- **Bar Indexes** are values from the starting point (which could be the edge of the glass to the first bar or includes the sash intrusion) or the Center Line (C/L) distance between 2 bars.

Figure 3 (Bar Placements)

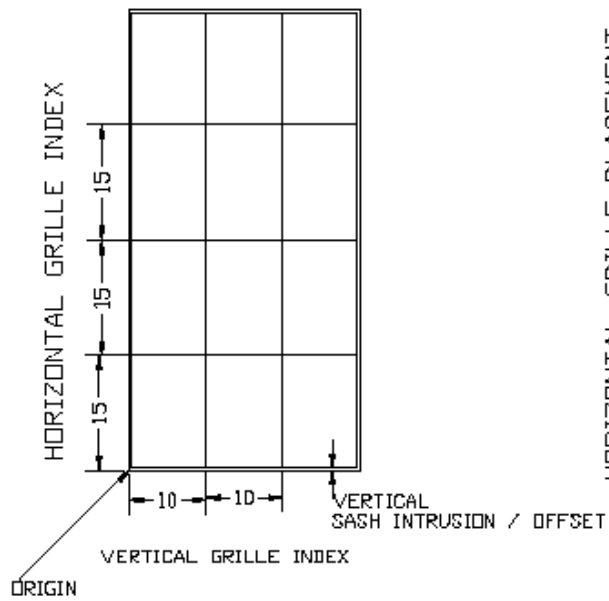
- **Bar Placements** are values from the starting point (edge of glass) to the actual location of the center point of the bar from the origin (lower left of unit).

Figure 4 (Window Offsets)

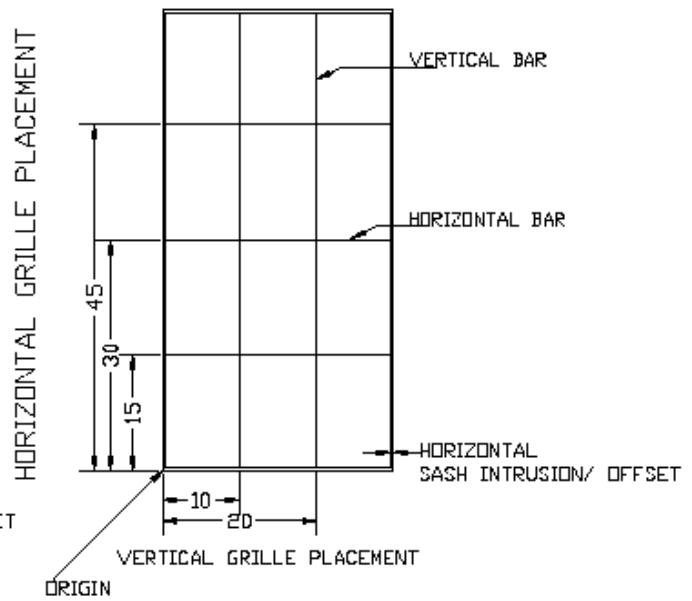
- **Bar Offsets** (Vertical or horizontal) is the difference in size between itself and a corresponding unit (commonly used for double hung and slider units).

3 WIDE X 4 HIGH OPENINGS
2 VERTICAL X 3 HORIZONTAL BAR

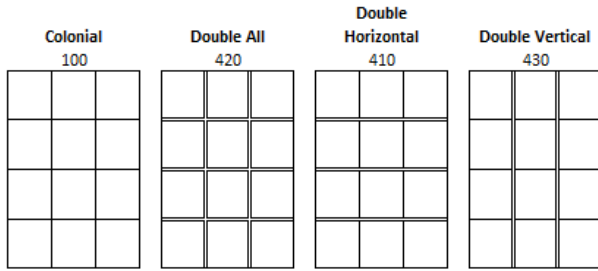
GRILLE INDEXES



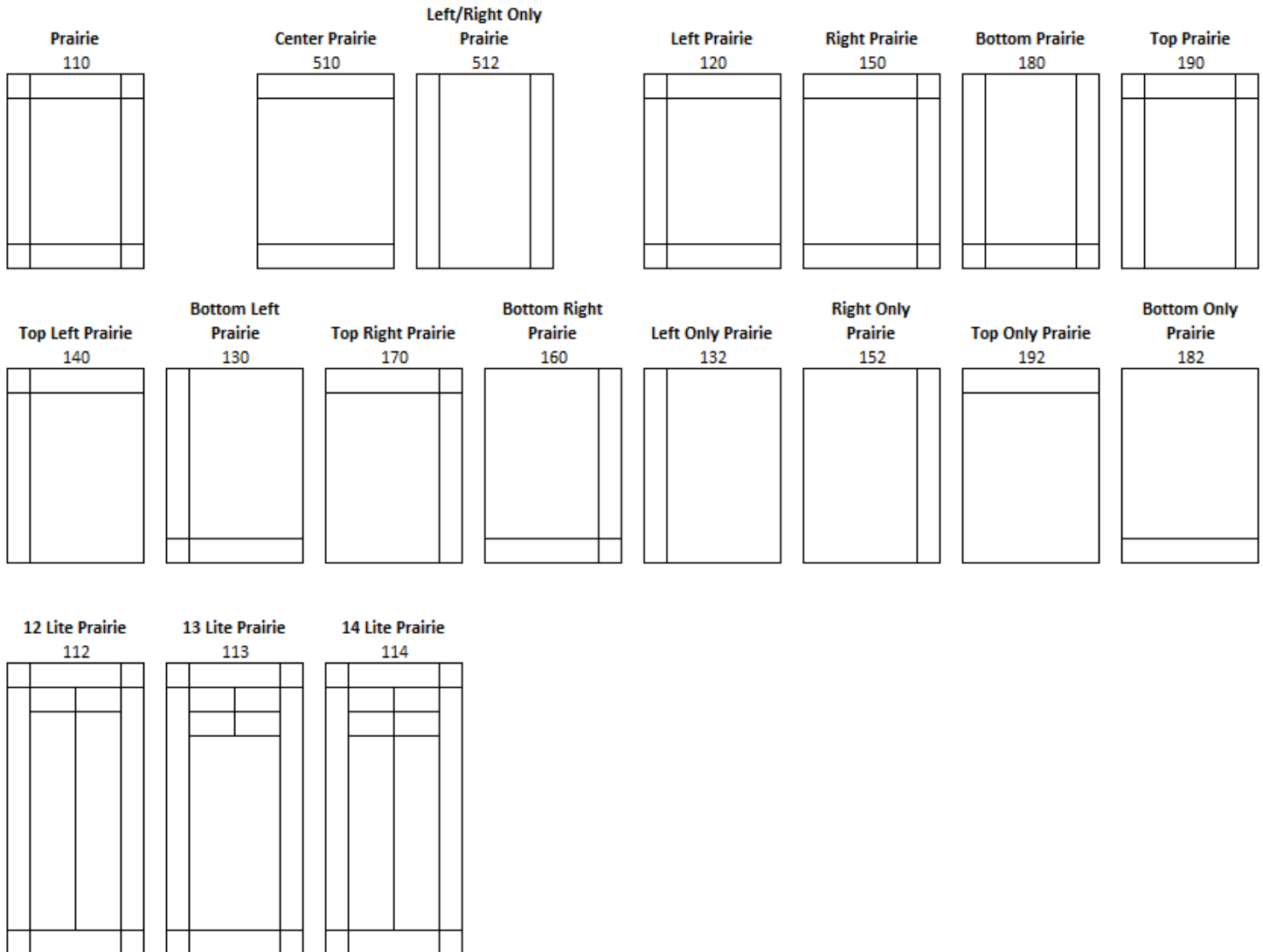
GRILLE PLACEMENTS



Colonial

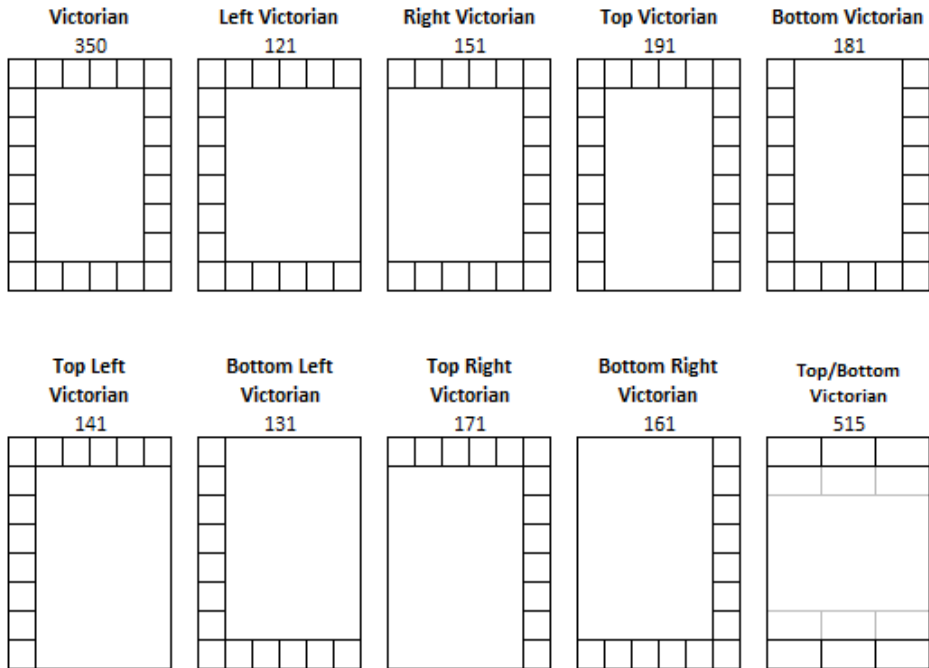


Prairie



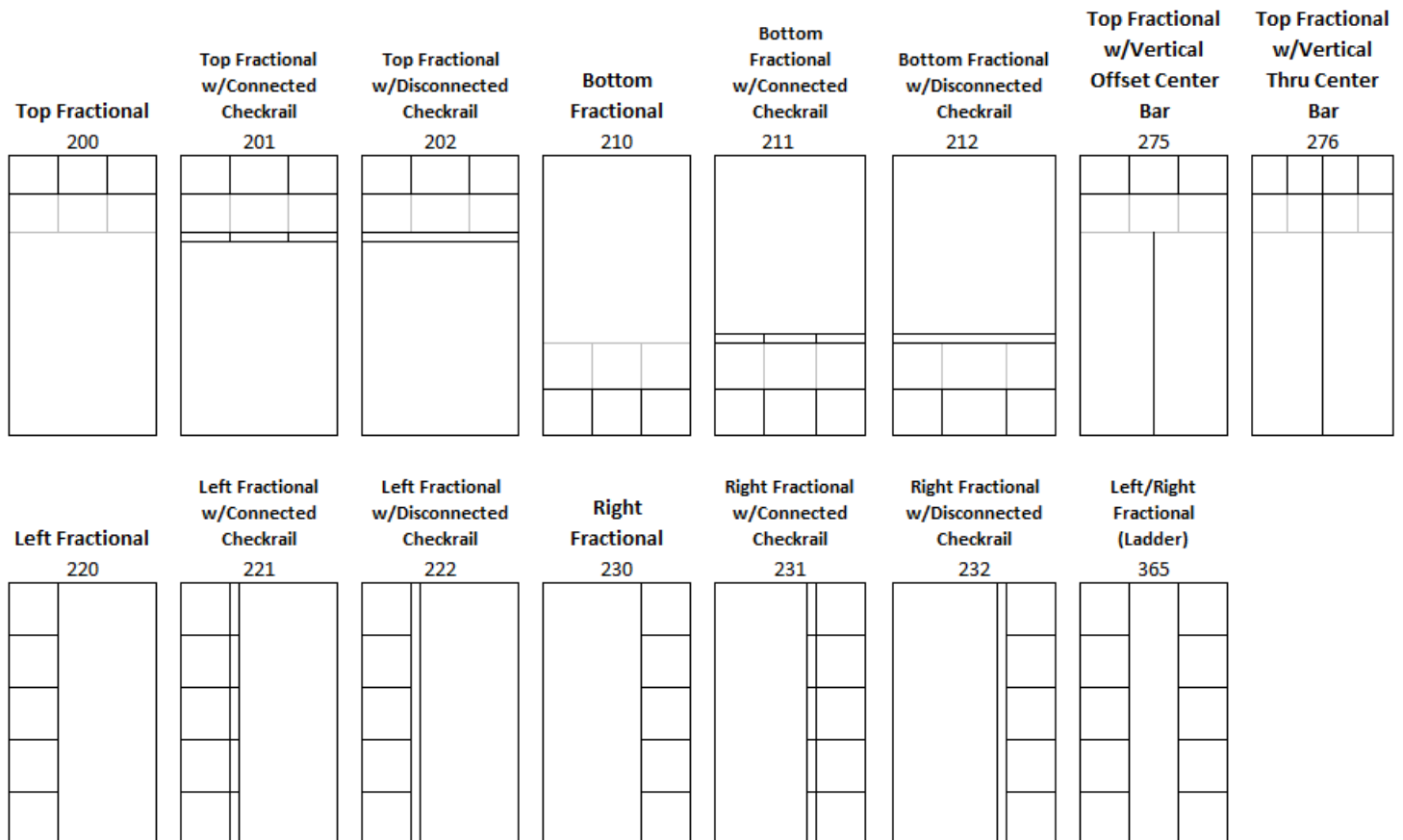
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Victorian



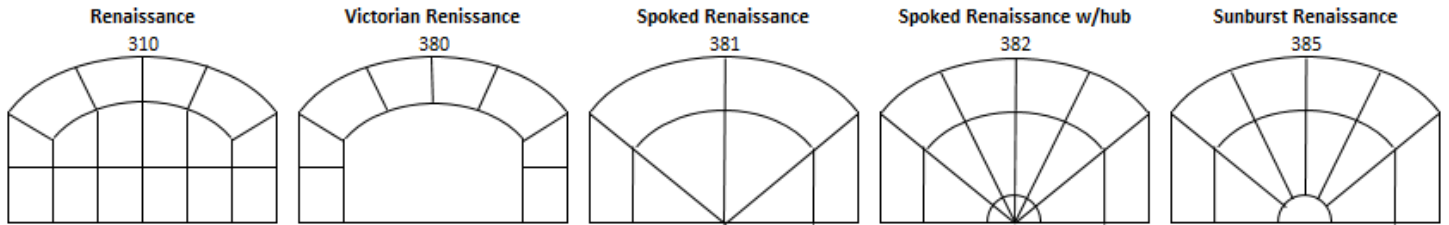
Fractional

Fractional

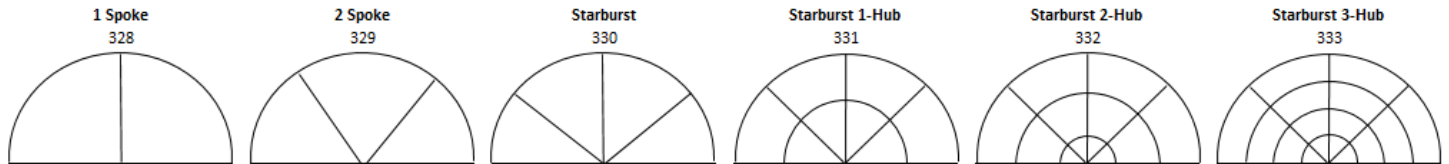


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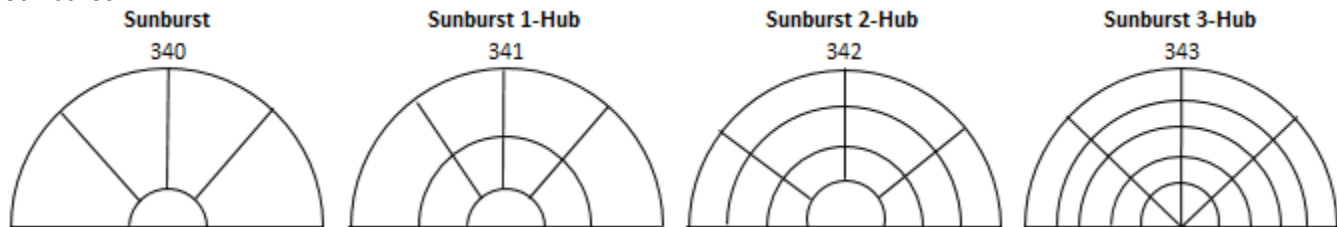
Renaissance



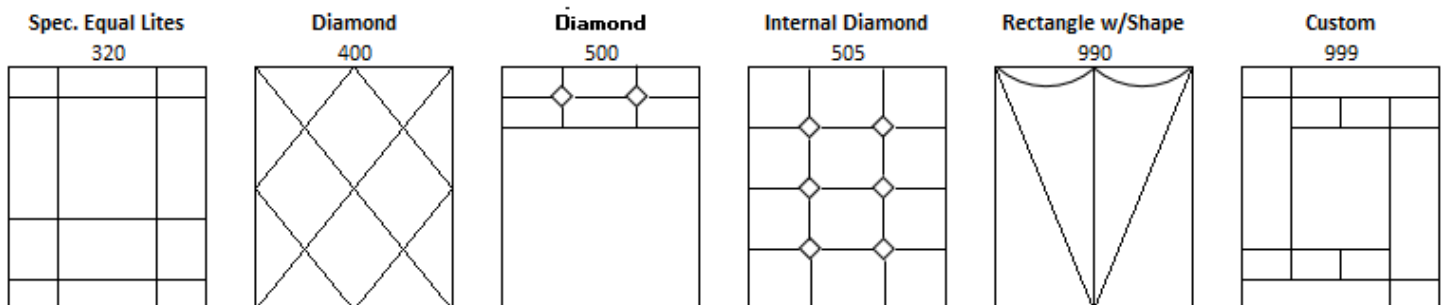
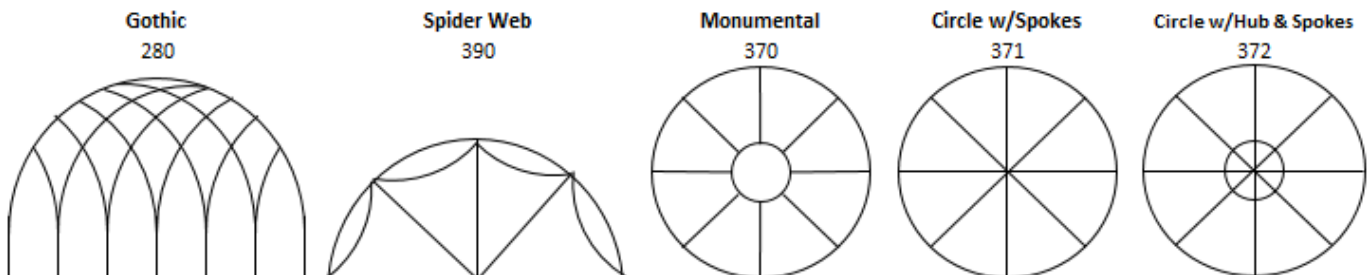
Starburst



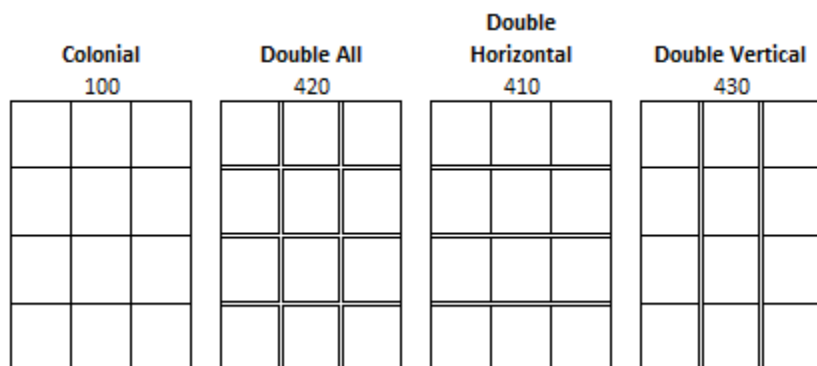
Sunburst



Other



Colonial



Definition

All bars go from edge of glass to edge of glass
Bars are evenly spaced

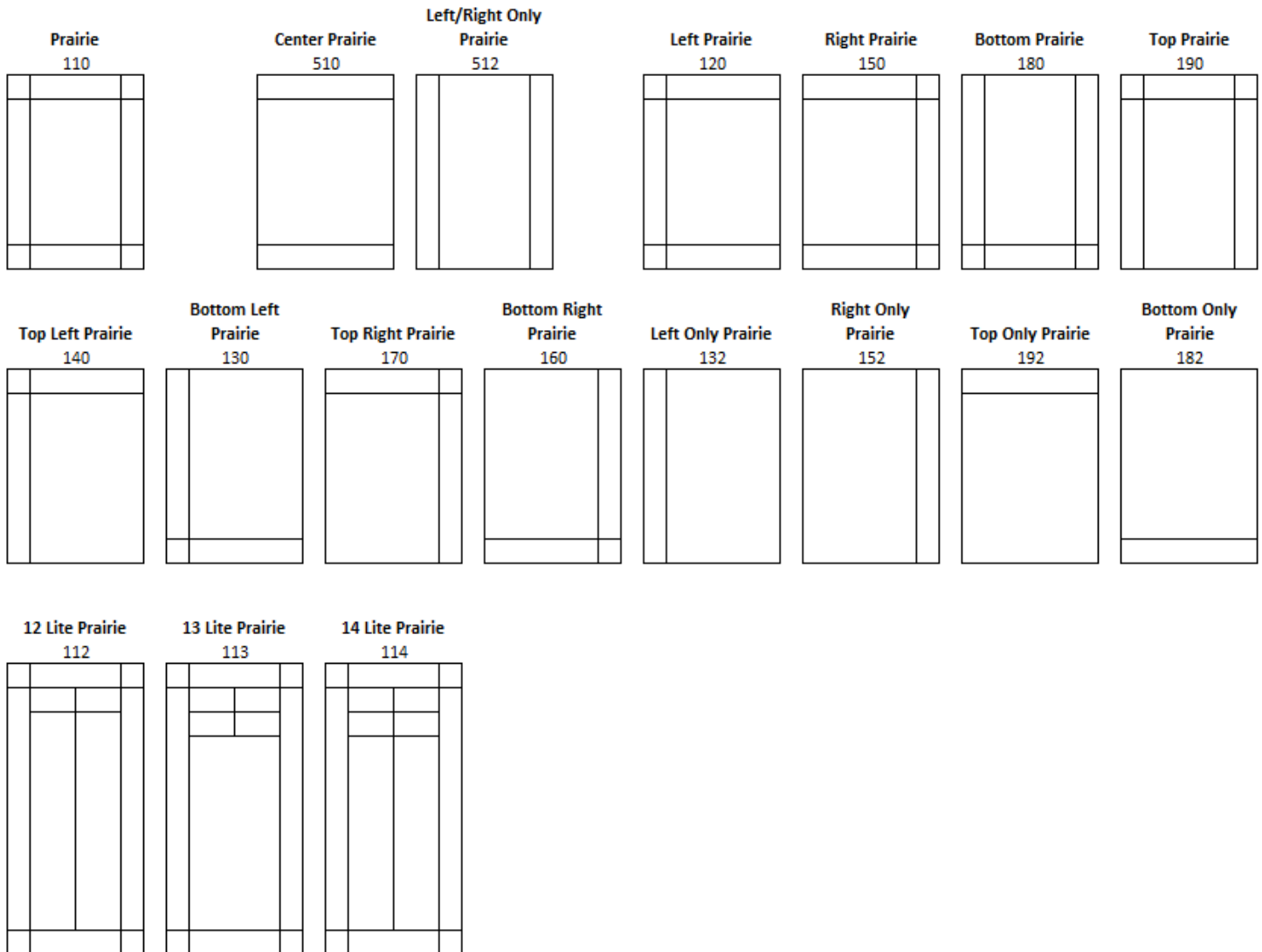
Quantity

Horizontal Bars	0 or more
Vertical Bars	0 or more
Odd Openings	N/A

Placements

Indexes	If used and bars > 0, equal to the number of bars
Placements	If used and bars > 0, equal to the number of bars
Prairie Offsets	N/A
Drawing	Optional

Prairie



Definition

All bars go from edge of glass to edge of glass
Prairie offsets are from edge of glass to center of bar

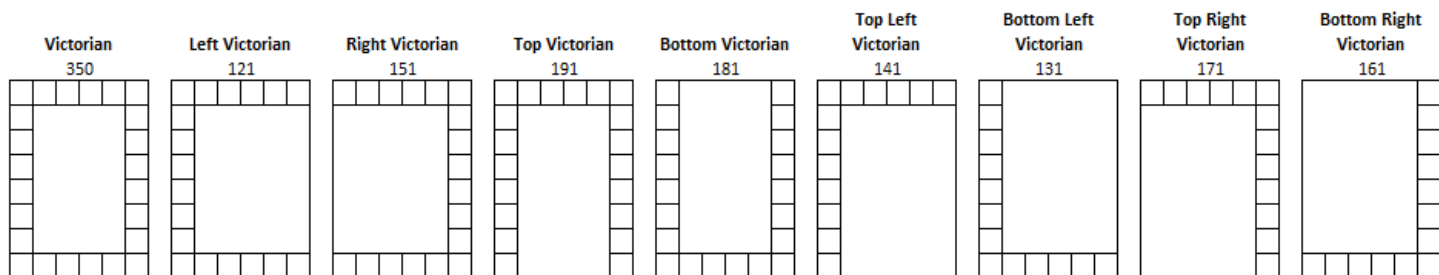
Quantity

Horizontal Bars	0 or more
Vertical Bars	0 or more
Odd Openings	0 or more

Placements

Indexes	If used and bars > 0, equal to the number of bars
Placements	If used and bars > 0, equal to the number of bars
Prairie Offsets	Optional
Drawing	Optional

Victorian



Definition

All outer bars go from edge of glass to edge of glass
Subsequent bars stop at the first bar

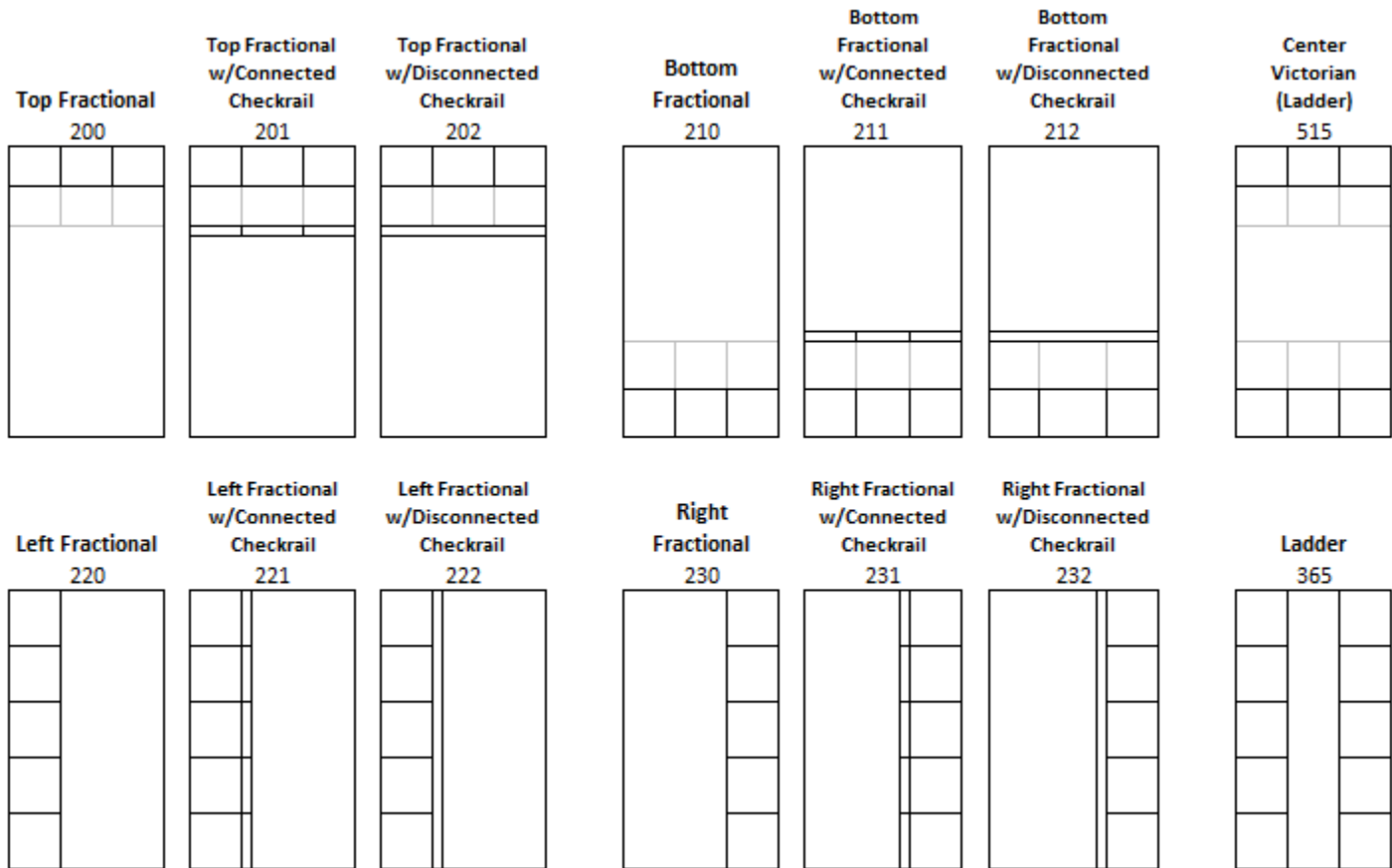
Quantity

Horizontal Bars	0 or more
Vertical Bars	0 or more
Odd Openings	0 or more

Placements

Indexes	If used and bars > 0, equal to the number of bars
Placements	If used and bars > 0, equal to the number of bars
Prairie Offsets	N/A
Drawing	Optional

Fractional



Definition

Horizontal bars go from edge of glass to edge of glass
Vertical bars stop at the first horizontal bar
Adjacent grids stop at last bar
Disconnected checkrails stop as previous bar
Center and Ladder stop at inside bars

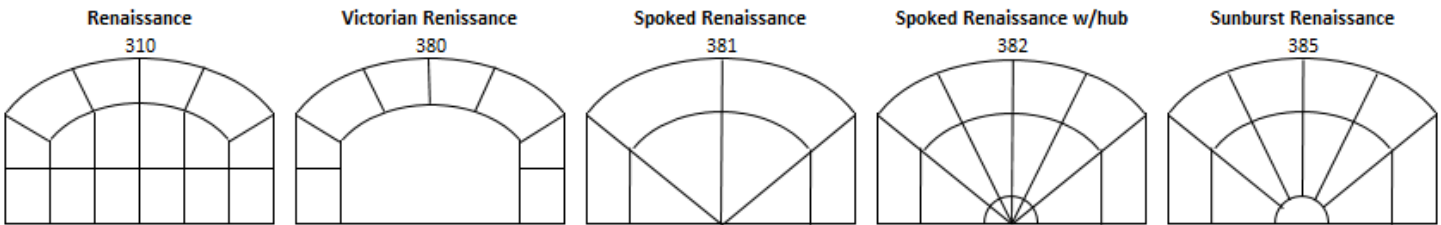
Quantity

Horizontal Bars	0 or more
Vertical Bars	0 or more
Odd Openings	0 or more

Placements

Indexes	If used and bars > 0, equal to the number of bars
Placements	If used and bars > 0, equal to the number of bars
Prairie Offsets	N/A
Drawing	Optional

Renaissance



Definition

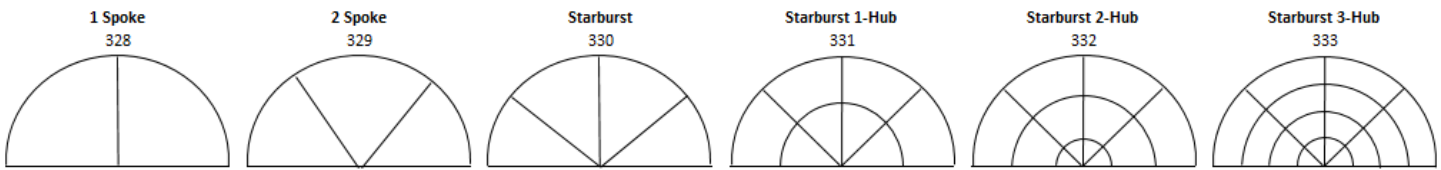
Quantity

Horizontal Bars	N/A
Vertical Bars	N/A
Odd Openings	0 or more

Placements

Indexes	N/A
Placements	N/A
Prairie Offsets	N/A
Drawing	Required

Starburst



Definition

Spoked window without a hub

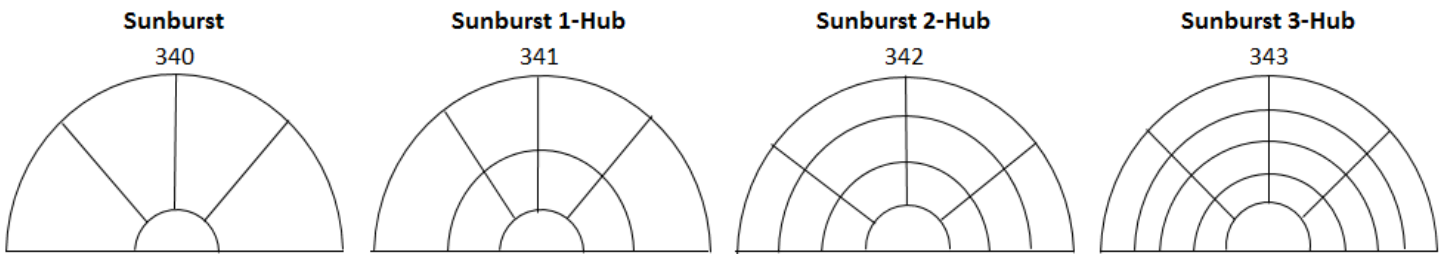
Quantity

Horizontal Bars	N/A
Vertical Bars	N/A
Odd Openings	0 or more

Placements

Indexes	N/A
Placements	N/A
Prairie Offsets	N/A
Drawing	Required

Sunburst



Definition

Spoked window with a hub

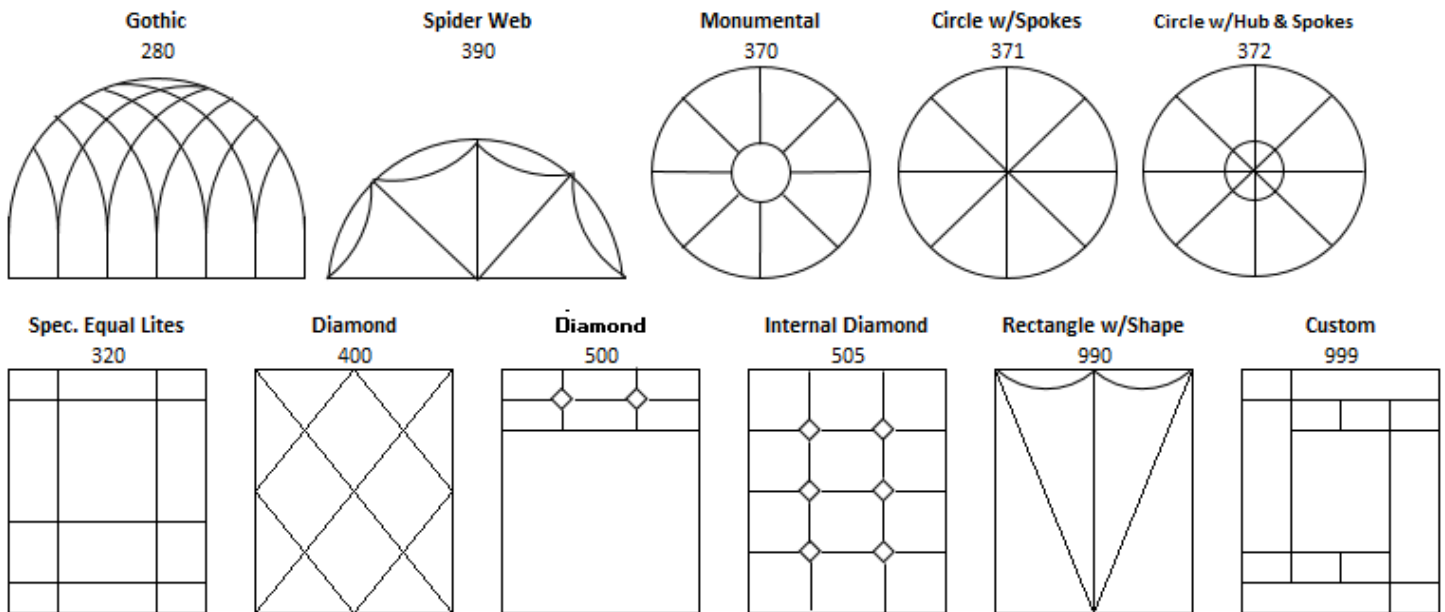
Quantity

Horizontal Bars	N/A
Vertical Bars	N/A
Odd Openings	0 or more

Placements

Indexes	N/A
Placements	N/A
Prairie Offsets	N/A
Drawing	Required

Other



Definition

Custom
320 – All bars go from edge of glass to edge of glass

Quantity

Horizontal Bars	N/A
Vertical Bars	N/A
Odd Openings	0 or more

Placements

Indexes	N/A
Placements	N/A
Prairie Offsets	N/A
Drawing	Required