

# Curtain Wall Limiting Heights Tool - User Guide

This guide explains how to use the "Single Span Curtain Wall Limiting Heights" tool for cold-formed steel stud data, aiding in design and selection. Access it at: <https://tarunmadhav.com/index.php/2025/06/06/filterable-limiting-heights/>

## Key Features

The tool offers interactive filters and controls to streamline your data search:

### Filtering Data

Use dropdowns at the top to narrow results by:

- **Stud Member:** Select a specific stud designation.
- **Stud Width:** Filter by stud width.
- **Flange:** Filter by flange size.
- **Thickness:** Filter by material thickness (displays as "Value (Gauge)", e.g., "33 (20ga)").
- **Max Spacing (in):** Select maximum stud spacing.
- **Load (psf):** Filter by applied load.
- **Deflection Limit:** Choose a specific deflection limit.
- **Min Height (ft) / Max Height (ft):** Select a height range.

The table updates automatically with matching rows, and related filter options dynamically adjust (cascading filters).

### Resetting Filters

Click "**Reset Filters**" to clear all selections and view the complete dataset.

### Sorting Table Columns

Click any column header (e.g., "Stud Member") to sort data. An arrow (▲ for ascending, ▼ for descending) indicates the current sort order; click again to reverse.

### Pagination

For large datasets, pagination improves readability:

- **Rows per page:** Control displayed entries (10, 25, 50, 100, or All).
- **Navigation:** Use "Prev"/"Next" buttons or the "Page [X] of [Y]" dropdown to jump to pages.

### Tips for Efficient Use

- Start with broad filters, then refine your search.

- Combine multiple filters for precise results.
- Sort relevant columns to identify critical values quickly.
- If "No results" appears, try adjusting your filters.

*Note: Data is retrieved from a backend database. Contact me for persistent issues.*