



TOHRCO

HORIZON

Windows & Patio Doors

Product catalog · Slim-frame replacement and new-construction windows
Manufactured by TOHRCO · Established 2018
877-376-1822 · chad.khansa@Globalinteriorsusa.com · Troy, Michigan

OVERVIEW

Big views. Hard winters.

Horizon windows pair slim frames with expansive glass, triple-seal weatherstripping, and Low-E argon glazing for quiet, efficient Midwest homes. Every unit is made to order, fusion welded, installed by certified crews, and backed for life.



Engineering highlights

Duo-Tilt lock system

One hardware piece handles three actions - lock, unlock, and tilt. The hidden tilt latch means an air-tight seal and a stronger corner weld on the meeting rail.

Fusion-welded frame and sash

Every frame and sash corner is fusion welded - strong and gap-free, never compromised by knock-outs. Optional Innergy rigid thermal reinforcements add support and insulation.

Warm-edge spacer glazing

Intercept U-channel warm-edge spacer with Low-E argon glass creates a thermal barrier that cuts heat loss; stainless spacer available as an upgrade.

True Position 1/2" balance

Springs travel with the sash, so windows glide with far less friction and noise. Continuous over/under interlock and a sloped one-piece sill stop air and water infiltration.

STYLES

Seven shapes, one system

Hold a single look across the whole house. Every style shares the same welded frame, glazing package, and hardware finishes.

Double hung	Two operable sashes move independently and tilt inward for cleaning from inside - ideal for upper-story glass and the most common choice on Midwest homes.
Casement	Side-hinged sash cranks outward on a multi-point lock for the lowest air-leakage rate in the line and excellent natural ventilation.
Glider	Sashes glide horizontally on a track for unobstructed views and wide openings where swing space is limited.
Awning	Top-hinged sash opens outward from the bottom, so it vents in the rain. Pairs well above picture units and in baths.
Bay & bow	Projection units that add floor space - angular bay with a large picture center, or curved bow lines, factory assembled with insulated head and seat boards.
Garden	A 90 degree box bay with a picture window in the center - light on three sides plus glass shelving for plants.
Patio doors	Two, three, or custom panel sliders with a foot-operated deadbolt, sloped aluminum-reinforced sill, stainless roller track, and zinc-plated tandem rollers.

WINDOW LINES

Four tiers to spec from

Each tier carries the full style line-up, so the design stays consistent while the budget lands where it needs to.

TOP TIER

ThermalWeld Select

The most features and options in the line: Duo-Tilt lock and system, foam-filled head, jamb, sill and sash, Innergy reinforcements, and full color, glass, and hardware customization.

MID TIER

ThermalWeld Plus

Heavy-duty cam-style locks and keepers, sash limit locks for a secure partial opening, fusion-welded corners, and upgrades to nickel, brass, or aged bronze hardware.

VALUE TIER

DuoWeld

A straightforward welded replacement window with the core Duo-Tilt cleaning convenience and insulated Low-E glass at a builder-friendly price.

ENTRY TIER

Edge

New-construction and rental-grade openings: welded frames, dual-pane insulated glass, and a short options list that keeps lead times tight.

SPECIFICATIONS

Technical data

Frame material	Fusion-welded vinyl with reinforced meeting rail
Glazing	Dual-pane Low-E, argon filled, Intercept warm-edge spacer
Balance system	True Position 1/2" - springs travel with the sash
Sill	Sloped one-piece sill for positive water drain-off
Insulation upgrades	Foam-filled extrusions and Innergy rigid thermal reinforcements
Interlock	Continuous over/under interlock at the meeting rail
Frame colors	Matte black, bronze, white, almond, plus woodgrain interior laminates
Warranty	Lifetime limited on frame, sash, and glass seal

Next steps

Find a certified Horizon dealer, request a measure, or submit plans for a full window schedule takeoff. Contact TOHRCO at 877-376-1822 or chad.khansa@Globalinteriorsusa.com, Monday to Friday, 8am to 5pm ET. TOHRCO · Troy, Michigan · Established 2018.