



Stax™ Patio Lift Wall

The Premium Lift & Stack Patio Wall by Patio Innovation (patent pending)

Stax™ *Pro* is the premium motorized lift-and-stack patio wall system designed for luxury homes and commercial spaces. Featuring crystal-clear framed acrylic panels, Stax™ *Pro* offers smooth automated operation and optional integrated shades for sun control and privacy. Panels rise and stack above or below the opening, maximizing space and delivering unobstructed views. Built for strength, safety, and modern aesthetics, Stax™ *Pro* sets the standard for high-end outdoor living and dining environments.



Stax™ Patio Lift Wall

Custom recessed cover that can be built-in during construction

Optional motorized shade for sun control or privacy

Side rails can be recessed during construction

Clear acrylic panels that stack at the top or bottom

Seals on patio without a threshold; eliminates tripping hazard

Premium Features

- **Automated Motorized Lift:** Professional-grade motor with quiet, smooth operation for effortless control.
- **Framed Acrylic Clarity - Safer Than Glass:** Optical-grade acrylic panels provide up to 17x the impact resistance of glass without the weight or shatter risk.
- **Integrated Shade Options:** Choose from light-filtering or blackout motorized shades for UV protection and privacy.
- **Architectural Framing:** Powder-coated aluminum frame engineered for strength, wind resistance, and sleek modern style.
- **All-Season Weather Performance:** Sealed panels withstand wind, rain, and temperature changes allowing truly year-round use of the patio!

Ideal Applications

- Residential patios and porches
- Outdoor kitchens and entertainment areas
- Restaurant patios and rooftop dining
- Pool enclosures and balconies
- Hospitality and event spaces

Technical Specifications

Panel Material: Optical-grade acrylic

Frame: Powder-coated matte black aluminum (custom finishes available)

Lift System: High-performance motorized lift

Shade System: Integrated motorized interior shade

Motion: Panels lift and stack above opening or stack below to create rail-**Stax™ Rail**

Sizes: Standard up to 13' wide and 13' tall.

Stax™ Pro - The Ultimate Lift & Stack Patio Wall

Stax™ Pro by Patio Innovation combines modern design, premium automation, and superior materials to create the ultimate outdoor wall system. Designed for luxury homes and hospitality environments, Stax™ Pro is the smart alternative to glass walls or vinyl.

Stax™ Rail – The Ultimate Lower & Stack Patio Wall

Stax™ Rail by Patio Innovation lowers to create an open air space above and a stacked acrylic rail below. Designed for indoor/outdoor restaurant dining, sunrooms and balconies. Lowering screen option available for bug and bird free outdoor dining!

Stax™ vs motorized clear vinyl and sunroom enclosures.

Motorized Clear vinyl

- Most companies recommend rolling up in high winds
- Shrinks in cold weather making it difficult to operate
- Unsightly wrinkles
- Hard to keep clean and scratches easily
- Moves in and out in breeze and gets noisy

Motorized Sunscreens

- Don't provide adequate climate control for year-round use

Sunroom Enclosures

- Won't retract
- Doesn't give you the indoor to outdoor-living experience
- Requires rails and posts for windows and doors, cluttering view

STAX™ by PATIO INNOVATION

- Deploys up or down in any weather conditions
- Withstands high wind loads similar to sliding patio doors
- Lifts and stacks at top for open-air indoor to outdoor living space
- Clear view out, sleek design without clutter
- Like glass, acrylic is easily cleaned
- Provides great climate control for year-round use
- Easily accommodates interior shades for privacy or sun control
- Panels can be lowered and stacked at bottom to create a railing for restaurants and balconies
- When lowered an optional retractable ventilating screen can be added for bug and bird-free dining