



HARVEY
WINDOWS + DOORS®



AXIO™
TILT + TURN
WINDOWS

WHY TILT + TURN?



Built for Modern Design, Engineered for Lasting Performance

Proudly made in the U.S., Harvey Axio™ tilt-and-turn windows combine the sleek, modern aesthetic designers love with the performance professionals demand. With the added advantages only a local supply chain can deliver, these windows are the ideal choice for both residential and commercial projects.



Custom Solutions for Every Project

Axio windows come standard with modern interior and exterior finishes, plus optional custom colors to suit virtually any aesthetic. Designed for both new construction and replacement applications, Axio windows offer flexible installation with accessory grooves, compatibility with common trim options, and support for multi-lite configurations through common jambs or structural mulling.



Performance, Proximity & Peace of Mind

The next generation of tilt-and-turn windows isn't coming from across the ocean. It's being built right here at home. Combining European-inspired engineering with American manufacturing strength, you no longer have to choose between performance and proximity, you get both — and more.



Engineered for North American Buildings

These systems are built specifically to handle U.S. climate demands, from northern cold to coastal humidity, meeting the latest energy performance standards with confidence. Built with advanced technology and durable construction, these systems deliver long-term efficiency and reliable performance.





FEATURES & OPTIONS

- 1** **3-1/4" uPVC rigid frame** engineered for lasting strength and durability
- 2** **2.5 mm exterior and interior walls** are among the thickest on the market, delivering superior insulation and structural integrity
- 3** **Multi-chambered structure** (17 chambers in the frame, 13 in the sash) to meet the most stringent performance and energy efficiency standards
- 4** **Continuous double weatherstripping** with polymer compression seals to eliminate air and water infiltration
- 5** **Accommodates IG Units:** Designed to fit insulating glass units from 7/8" to 1-3/4" thickness.
- 6** **Multipoint locking system** around the entire perimeter for seamless soundproofing and optimum security and airtightness that virtually eliminates air and water infiltration
- 7** **Multi-functional sash operations** for effortless tilt, swing and lock using just one handle



CONFIGURATIONS

Flexible functionality that conveniently adapts to your everyday needs — tilt for secure ventilation, turn for full inward access, or lock into fixed positions.



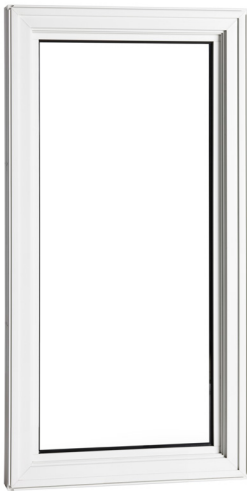
Tilt*



Turn*



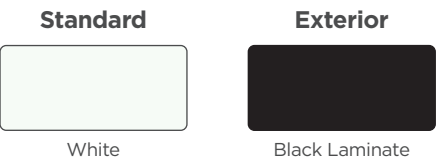
Fixed



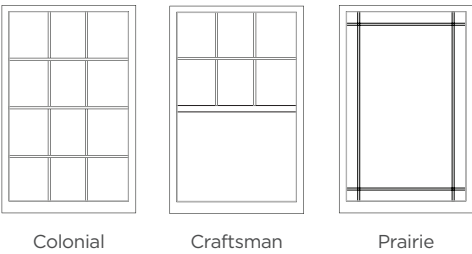
Direct Set
(Shown from exterior)

*Dual-action Tilt + Turn available

FINISH COLORS



GRIDS



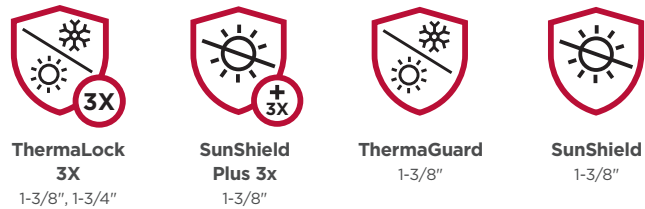
HARDWARE COLORS & OPTIONS*



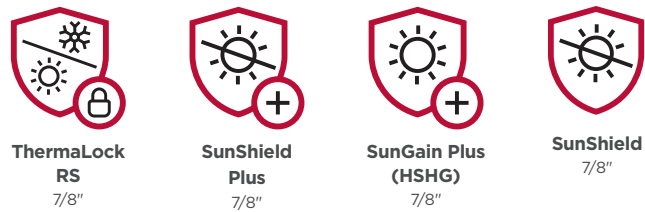
*Keyed hardware and ease-of-use handle also available

GLASS

Triple Pane



Dual Pane



PERFORMANCE

Energy Efficiency & Weather Resilience

Axio's advanced design minimizes thermal transfer and maximizes insulated air space to support consistent interior comfort year-round. Continuous double weather-stripping with polymer compression seals helps reduce air and water infiltration for long-term durability and performance.

Structural Confidence, Built In

Axio's engineered multi-chamber profiles deliver exceptional strength without the need for steel reinforcement — even at larger sizes — giving designers the rigidity and flexibility to specify with confidence. With support for double or triple-pane glazing up to 1-3/4", Axio windows achieve industry-leading results across every category:

Thermal insulation: Simulated U-factor as low as 0.15

Structural Strength: Up to CW100

Sound Control: Up to STC 40

Engineered for Performance & Durability

- ✓ **Commercial-Grade Testing:** Every Harvey window is lab tested to Light Commercial or Commercial standards for unmatched sound control and pressure-load performance.
- ✓ **Climate-Engineered Excellence:** Rigorous testing and superior air infiltration ratings ensure performance in some of the most demanding weather conditions.
- ✓ **Proven Durability:** Thick, multi-chambered vinyl extrusions, welded corners, and premium glass packages deliver long-lasting performance in both residential and commercial settings.

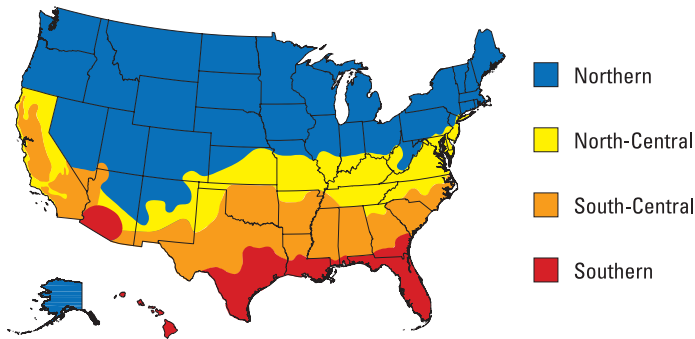


THERMAL PERFORMANCE DATA

Product Line	Glazing Description	Thermal Performance			No Grids	Thermal Performance			With Grids
		U	SHGc	VT		U	SHGc	VT	
Axio Tilt + Turn (DUAL ACTION)	1-3/4" ThermaLock 3X TG FOAM	0.14	0.22	0.40	N NC SC S	0.14	0.19	0.35	N NC SC S
	1-3/8" ThermaLock 3X TG	0.16	0.22	0.40	N NC SC S	0.16	0.19	0.35	N NC SC S
	1-3/8" SunShield PLUS 3X SC TG	0.16	0.16	0.37	NC SC S	0.16	0.15	0.32	NC SC S
	1-3/8" ThermaGuard TG	0.17	0.21	0.36	N NC SC S	0.17	0.19	0.32	N NC SC S
	1-3/8" SunShield SC TG	0.17	0.16	0.31	NC SC S	0.17	0.15	0.27	NC SC S
	7/8" ThermaLock RS DG	0.23	0.24	0.45	NC	0.23	0.22	0.40	NC SC S
	7/8" SunShield PLUS SC DG	0.22	0.18	0.42	N NC SC S	0.22	0.16	0.37	NC SC S
	7/8" SunShield SC DG	0.26	0.18	0.43	SC S	0.26	0.17	0.38	SC S
Axio Picture Window	7/8" SunGain PLUS DG HIGH SHGC	0.23	0.42	0.51	N23	0.23	0.37	0.45	N23 NC
	1-3/4" ThermaLock 3X TG FOAM	0.13	0.26	0.48	N NC	0.13	0.23	0.43	N NC SC S
	1-3/8" ThermaLock 3X TG	0.14	0.26	0.48	N NC	0.14	0.23	0.43	N NC SC S
	1-3/8" SunShield PLUS 3X SC TG	0.14	0.19	0.44	N NC SC S	0.14	0.17	0.40	N NC SC S
	1-3/8" ThermaGuard TG	0.15	0.25	0.43	N NC	0.15	0.23	0.39	N NC SC S
	1-3/8" SunShield SC DG	0.15	0.19	0.37	N NC SC S	0.15	0.17	0.33	N NC SC S
	7/8" ThermaLock RS DG	0.22	0.29	0.55	N NC	0.22	0.26	0.49	N NC
	7/8" SunShield PLUS SC DG	0.22	0.22	0.50	N NC SC S	0.22	0.20	0.45	N NC SC S
	7/8" SunShield SC DG	0.26	0.22	0.52	SC S	0.26	0.20	0.46	SC S
	7/8" SunGain PLUS DG HIGH SHGC	0.23	0.50	0.62	N23	0.23	0.45	0.55	N23

Acoustic packages offering performance up to STC 40 are available at order entry.
Complete acoustic performance data can be found in the full Axio Performance Sheet.

N Northern NC North-Central SC South-Central S Southern



Climate Zone	U-Factor ¹	SHGc ²
Northern	≤ 0.22	≥ 0.17
	= 0.23	≥ 0.35
	= 0.24	≥ 0.35
	= 0.25	≥ 0.40
	= 0.26	≥ 0.40
North-Central	≤ 0.25	≤ 0.40
South-Central	≤ 0.28	≤ 0.23
Southern	≤ 0.32	≤ 0.23

Air Leakage ≤ 0.3 cfm/ft²

¹Btu/h-ft² °F

² Solar Heat Gain Coefficient

STRUCTURAL PERFORMANCE DATA

Product Line	Unit Size W x H	Configuration	Air Infiltration cfm/ft ²	Water Resistance psf	Structural Test Pressure psf	DP Rating	Structural Rating
Axio Tilt + Turn (Dual Action)	48" x 84"	Single	0.01	12.11	120.30	DP80	CW-PG80
	31-1/2" x 72"	Single	0.01	15.04	150.38	DP100	CW-PG100
Axio Picture Window	80" x 80"	Single	0.01	9.19	90.23	DP60	CW-PG60
	60" x 96"	Single	0.01	9.19	90.23	DP60	CW-PG60
	48" x 84"	Single	0.01	12.11	120.30	DP80	CW-PG80

Product testing is ongoing. Performance values may vary by unit size and configuration.

Single-unit products are engineered to meet a minimum DP50 rating.

For the most current data or additional technical information,
please contact your Harvey Sales Representative.



OUR PROMISE

Professional-Grade Performance. Built With You. Backed By Us.

For building professionals who expect more than just a high-quality window, Harvey Windows + Doors offers a partnership rooted in over 60 years of American craftsmanship and local market expertise.

Built with and for the trades, we provide:

- ✓ **Customizable solutions** tailored to your project
- ✓ **Superior performance** standards you can rely on
- ✓ **A personal service mentality** ensuring the right tools — and the right people — are there every step of the way.



Axio Tilt + Turn vinyl windows come with a 20-year limited warranty on materials for the original owner, starting from the date of manufacture.

Please see full warranty for details.

