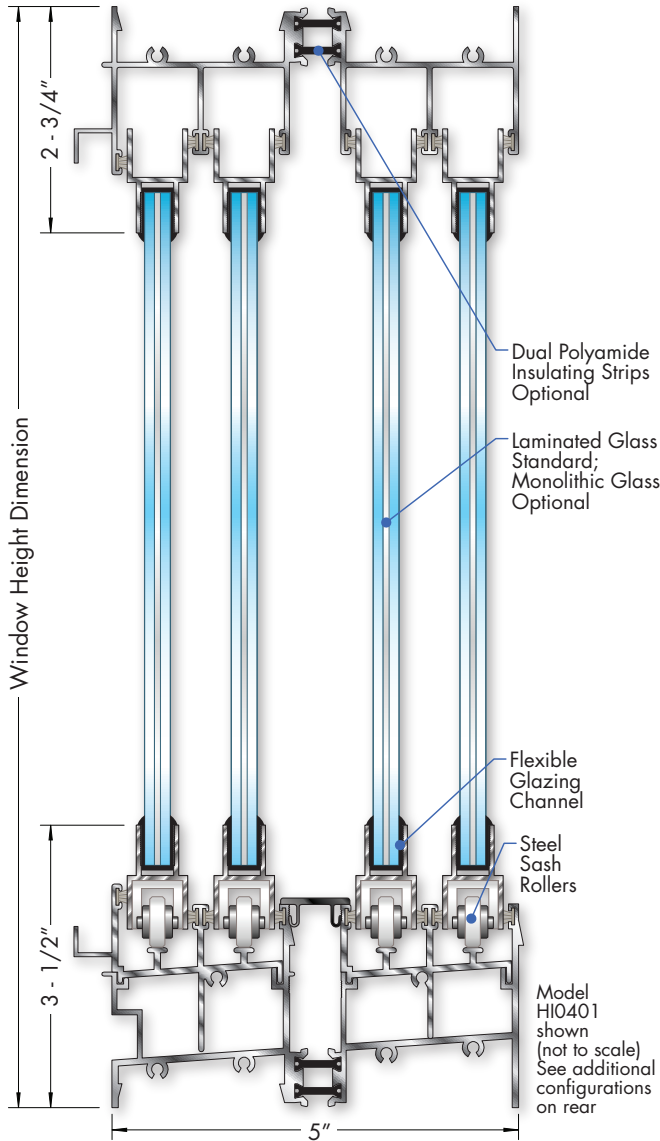


Series HI0400 4½" & 5" Frame Depth
HURRICANE-RESISTANT
HORIZONTAL SLIDING • Acoustical

Kahala Nui – Honolulu, HI

Kahala Nui – Honolulu, HI



STANDARD FEATURES

- Acoustical dual horizontal sliding windows for hurricane-impact resistance
- Provides large missile impact protection
- Offers passive protection from wind-borne debris - without shutters!
- Thermally broken frame and dual sash for superior energy savings
- Utilizes extruded spring locks
- Mulls to fixed and operable products of the same frame depth
- Ball bearing rollers in plastic housing for superior operation
- Full-height extruded pull rails

INSTALLATION METHODS

- Pre-set panning
 - Trim & clip
 - Wraparound panning
 - Receptor & subsill
 - Through-frame anchors at head and jambs; trim and clip at sill *
- * Currently approved

OPTIONAL FEATURES

- High-performance acoustical ratings available
- High-performance energy-efficient options available
- Applied flat-stock grids

SERIES HI0400 4½" & 5" FRAME DEPTH PERFORMANCE CHARACTERISTICS

Type	Frame Depth (inches)	Series	Model Code	Glazing*	Missile		Florida Product Approval		Design Pressure (psf)		Water (psf)	Test Size (inches)
					Large	Small	Number	HVHZ	Pos (+)	Neg (-)		
Horiz. Sliding-Acoustical	5	HI0400	HI0401	Single Lami	✓	Meets	13157.1	✓	60	60	9	107 x 72
Horiz. Sliding-Acoustical	4½	HI0400	HI0402	Single Lami	✓	Meets	10081.1	✓	40	40	9	144 x 62

*Additional glazing and test configurations may be available - contact Graham.

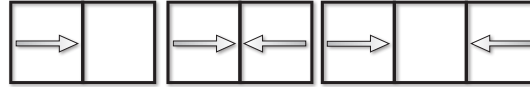
Series HI0400 HORIZONTAL SLIDING GENERAL SPECIFICATIONS & DETAILS

- **Materials:**
All frame sections shall be thermally broken extruded aluminum shapes produced from commercial quality 6063-T5 alloy
- **Hardware:**
Ball bearing rollers for easiest sash operation - even on largest sizes
Interior: white bronze sweep locks for strength and extra durability; Exterior: extruded aluminum spring snap locks
Tested to impact performance standards
- **Finish Options:**
AAMA 2603, 2604, & 2605, as well as powder coat and anodized finishes, are all available in a wide range of colors
- **Accessories:**
Wide range of panning & trim options available

TESTED TO:
ASTM E1886
ASTM E1996
TAS 201, TAS 202, TAS 203

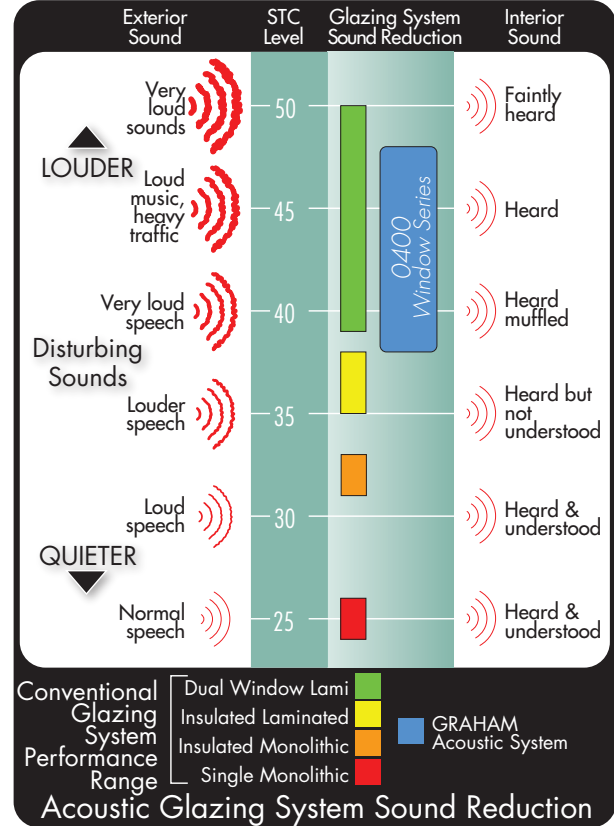
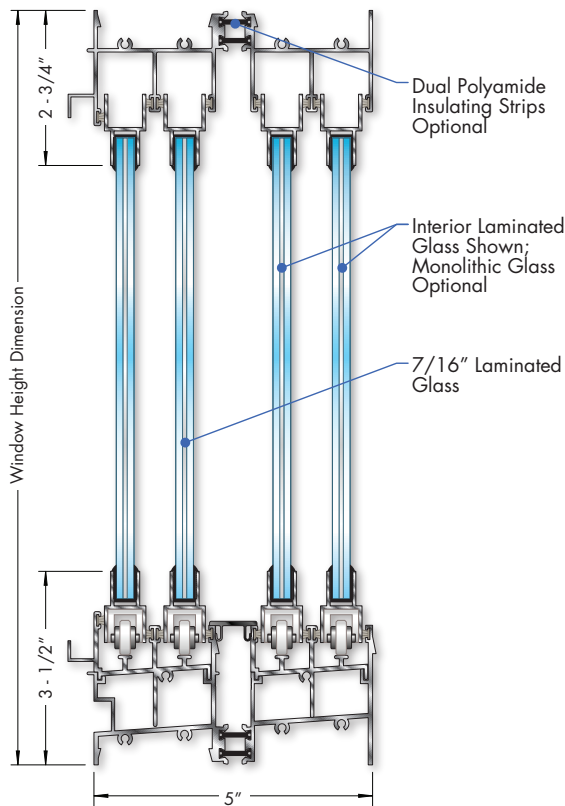
Series HI0400 4½" & 5" Frame Depth
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HORIZONTAL SLIDING • Acoustical

OPERATION



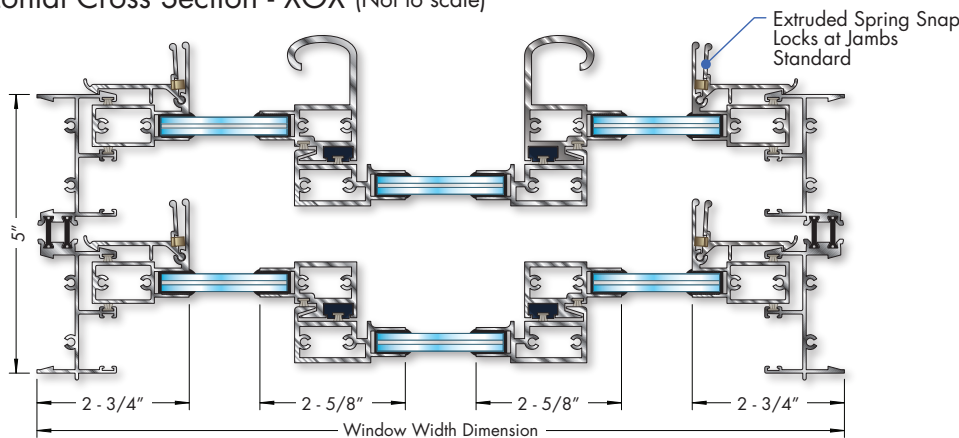
Vertical Cross Section (Not to scale)

HI0401 & HI0402



STC = Sound Transmission Class - a higher STC value indicates greater noise reduction.

Horizontal Cross Section - XO (Not to scale)



HI0401 Features

- Horizontal sliding dual acoustical window
- 5" frame depth
- Polyamide strip thermal-break frame
- Dual glazed: exterior lami; interior lami
- Available in XO, OX, or XOX configurations
- Large missile +60/-60 DP performance

HI0402 Features

- Horizontal sliding dual acoustical window
- 4½" frame depth
- Poured-in-place urethane thermal-break frame
- Dual glazed: exterior lami; interior lami
- Available in XO, OX, or XOX configurations
- Large missile +40/-40 DP performance

*PLEASE NOTE: The illustrations shown are informational only as anchorage requirements vary widely according to application, product size, and performance constraints. Contact Graham's Technical Services Department at 800-755-6274 for project application assistance.