



## TORMAX TX9200 Storm Outside Slide Impact Rated Automatic Sliding Glass Door With Reinforcements

iMotion® 2301 Direct Drive System

### Unit Features

- Sliding Door Units are in Compliance With the Miami-Dade County Building Code Compliance Office and approved by Florida Building Code
- Missile Impact Rating: Large and Small Missile Impact
- Notice of Acceptance (NOA): No.20-0720.06
- Expiration Date: June 22, 2025
- Approval Date: September 24, 2020
- Florida Building Code: FL 17648.1
- Door Allowable Design Pressures: +57\*, -57 PSF (refer to NOA)
- Maximum Size Single Slider O-SX or SX-O Configuration: 7'-9 3/16" (2367) Wide x 8'-8" (2642) High
- Maximum Size Bipart Slider O-SX-SX-O Configuration: 15'-4" (4674) Wide x 8'-8" (2642) High
- Glazing Complies With ASTM E1300-02 Only
- Glass Type - Oldcastle Glass Inc., Laminated 5/16" (8) Heat Strengthened StormGlass.
- Wet Glazed With DOW 995 Silicone Interior, Dry Glazed With Vinyl Bead Interior and Exterior
- Series TX9200 Outside Slide - Models Include Concealed for New Construction or Remodel
- Outside Slide - Only Sliding Doors Breakaway for Emergency Egress
- AC Synchronous ¼ HP Motor With Built-In Motor Protection Circuit - No Gears to Wear, No Leaking Oil or Grease. No Motor Brushes, Commutator or Couplings to Replace. "Wear Free Drive Principle"
- Smooth and Silent Operation (sound level less than 70 DB) - "Silent Drive" Unlimited Application Opportunities
- High Speed/High Torque ¼ HP AC Motor - Capable of Sliding Single Door Leafs Weighting up to 330 Pounds (150KG), Biparting Door Leafs Weighting up to 286 Pounds (130KG) Each
- Optional IP.65 Direct Drive - Ideal for Highly Corrosive Environments, Stainless, Dust Proof and Protected From Jetting Water. Drive System Components Manufactured From 316 Marine Stainless Steel
- Heavy Duty Interlocked Panel Design - Provides for Consistent Performance Through Heavy Use, Eliminates Panel Twist and Unsightly Joint Lines
- Door Panel Design - Aluminum Reinforced Panels are of Through Bolt Construction With Minimum 1/8" (3) Wall Thickness. Available in Narrow and Medium Stile Design With Optional Rail Profiles

- Security Glazing Stops for 5/16" (8) Storm Glass by Oldcastle Glass
- Spring Return Closers as Standard on Sliding Doors - Controls the Direction of Swing in the Event of a Breakaway Condition
- Door Support and Suspension - Two Independent Trolley Heads Consisting of (4) 2 ½" (64) Diameter Nylon Rollers With Precision Steel Lifetime Lubricated Closed Ball Bearing Centers and (2) Anti-Riser Rollers to Prevent Derailing
- Trolley Heads Provide for Vertical and Lateral Door Adjustments - Simplifies the Installation and Allows for Optimal Positioning of the Door Panels
- Field Replaceable Hard Coat Anodized Aluminum Door Roller Track, Isolated Between a Rubber Isolation Pad - Provides for a Smooth and Quite Ride
- Fiberglass Reinforced Nylon Drive Belt - Sound Absorbing Material With Long Life Span, Maintenance Free
- Self-Supporting Header up to 15'-4" (4674) With No Deflection
- Hinged Access Cover With Concealed Spring Loaded Barrel Bolt Latches to Secure in Place
- Two Microprocessor Self-Monitoring Doorway Holding Beams - Monitored for Proper Operation Every 20 Seconds and After Each Opening Cycle
- Plug and Play iMotion® Microprocessor Control System - Self-Calibrates Opening and Closing Positions, Door Speeds and Time Delays for Optimal Performance Based on the Door Weight and the Operating Environment
- No Mechanical Switches and/or Cams Required for Door Position - Eliminates Costly Service and Down Time
- Universal iMotion® Microprocessor Controller – One Common Controller for All iMotion® Drives
- Self-Adjusting iMotion® Microprocessor Control System - Auto-Compensates During Operation to Maintain Established Operating Parameters
- Programmable iMotion® Microprocessor Control System - Provides Flexibility During System Configuration, No Special Tools Required
- Integrated Access Code to Inhibit Unauthorized Door Adjustments - Programmable
- On-Board Power Supply Output With Overload Protection (24VDC .75A Max) as Standard for Activation and Safety Sensors - No Auxiliary Transformer Required
- Two On-Board Outputs (24VDC) for Door Position Status, Alarm, Etc. - Programmable
- Four On-Board Inputs for Safety - Programmable
- Four On-Board Inputs for Activation, Key Switch and Mode of Operation - Programmable, Key Switch Remains Enabled in Off Mode for Access Control Integration
- Factory Reset - Programmable
- Optional I/O Module - Provides Four Additional Inputs and Four Additional Outputs
- Illuminated Seven-Segmented Function Control Panel - Provides for Six Operating Modes, System Configuration and Auto-Diagnostics
- Function Control Panel - Off/Automatic/Auto Reduced Open/Exit /Hold Open/Manual
- Door Motion Settings (door speeds and time delays) - Programmable via Function Control Panel
- Reduced Opening Width - Programmable via Function Control Panel
- Function Control Panel Security - Provided via Optional Key Switch

- Manual Override (free wheeling) Friction Free Manual Operation - Selectable via Function Control Panel
- Auto-Diagnostics via Function Control Panel - Provides for Quick and Simple Troubleshooting
- Electronic Reversing for Door Obstruction in the Opening Direction - Door Will Stop and Reverse Close
- Electronic Reversing for Door Obstruction in the Closing Direction - Door Will Stop and Reverse Open
- Reversing Sensitivity Adjustment - Programmable
- Full Range of Door Operating Sensors and Manual Controls Available - ANSI Compliant
- Optional Accessories Available - Battery Back-Up, Electric Lock, Security Monitoring of Sliding Door Position, People Counting Devices and Other Door Auxiliary Hardware
- Complete Range of Heavy Duty Aluminum Threshold Profiles Available - Recessed, Surface Double Bevel and Combination Surface Bevel/Square
- Standard Architectural Class 1 Anodized Finishes Clear and Dark Bronze - Other Anodized Finishes, Painting and Metal Cladding Available Upon Request
- Global Power Supply - Selectable 115-230VAC 50-60 HZ, Single Phase
- Power Consumption - Max 190 Watt
- ANSI Compliant - Meets or Exceeds ANSI A156.10 Standards
- ANSI/ULC 325 Listed - United States and Canada