

Sliding Glass Door Hardware and Options

DOOR OPTIONS FOR MAXIMUM PERFORMANCE

NuAir has been manufacturing aluminum sliding glass doors in Florida since the early 1960's and we are continually improving our products for maximum efficiency. We use only the finest components ensuring your door will deliver a lifetime of performance.

Renowned for strength, aluminum sliding glass doors provide the stability, security and clean narrow sight lines that architects, builders and homeowners desire. These smooth, silent rolling doors fill rooms with light while offering wide-open views. You can choose from a selection of grid and lite options that will add character to any doorway. NuAir's products are tested to the rigorous Miami Dade protocols and, as a result, our doors are found in projects ranging from entry-level homes and multifamily projects to custom homes and light-commercial applications.

Mortise Lock and Handle Set



A standard feature on all non-impact sliding glass doors, our low-profile, mortise lock and handle set makes our doors easy to use. These locks have a sleek, easy-to-grasp design and a self-canceling lock feature that protects the lock and jamb if the door is closed with the lock in the locked position. Made of a sturdy zinc-zimac #3 alloy it is offered in a white or black polyester ESP finish.

Double Security on Impact Resistant Doors



A high-end double mortise lock comes standard on all 9000 series impact rated doors. The Gemini II Dual Point Lock features hooks in opposing directions preventing forced entry from the bottom of the door. This stainless steel lock is pull rated up to 2,000 lbs. and has an anti-slam feature protecting the lock and jamb if the door is closed with the lock in the locked position.

Stainless Steel Track Covers



Corrosion resistant, stainless steel track cover helps prevent track wear when heavy door panels are required. The steel wheels and stainless steel track cover work together to make opening and closing heavy door panels smooth and easy. Stainless steel track covers come standard on Series 9000 Impact doors and are optional on all other NuAir sliding glass doors.

Sloped Sill Track Assists in Weather Tightness



A sturdy, exterior sill track is made of .062 inch, extruded aluminum and designed with a 1-1/2" vertical riser standard. Other snap-on sill options come with vertical risers up to 4" for maximum weather protection and conditions requiring higher positive design pressures. The sill tracks are notched back 3/4" on each end allowing for water drainage.

Heavy-Duty Rollers



End-adjusting single and tandem patio door rollers feature cold rolled steel housing and concave steel wheels with radial ball bearings permanently lubricated and shielded to resist contamination by dust and moisture. These rollers are available single or double in zinc plated steel or stainless steel depending on the door configuration.*

Continuous Weather-stripping For A Tight Seal

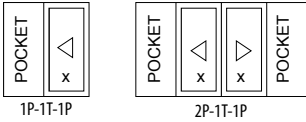


Each sliding glass door unit is fitted on the top rail, bottom rail, jambs and interlocks with Ultra Pile® or Ultra Fin® weather-stripping. This high-grade weather seal material has a structural integrity and consistency that assures a tight seal against air and water infiltration. Self-supporting pile, with built in 'pile directors', improves resiliency and reduces compression set.

*Stainless steel rollers standard on impact rated doors and optional on non-impact doors

SLIDING GLASS DOOR STACK DIRECTION AND CONFIGURATIONS

1-TRACK PANEL CONFIGURATIONS

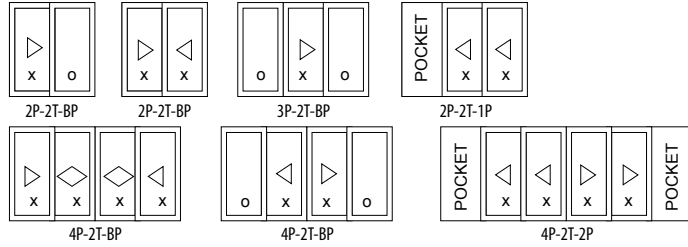


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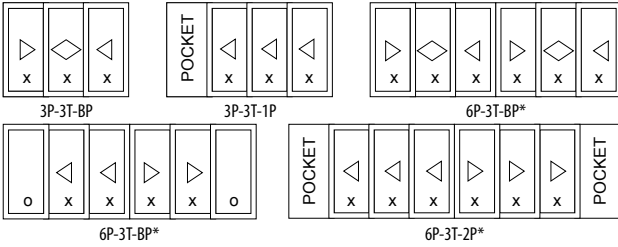
Approved Configurations

Only 2-track configurations, as shown (975 & 9000 Series), may be used in high velocity hurricane zones (HVHZ). Other areas may use 2, 3 and 4-track configurations, if all stile conditions have been tested per AAMA-101.

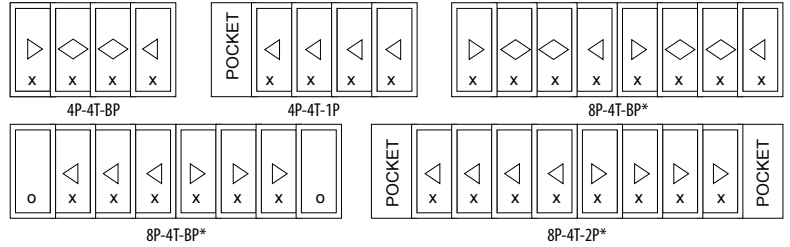
2-TRACK PANEL CONFIGURATIONS



3-TRACK PANEL CONFIGURATIONS

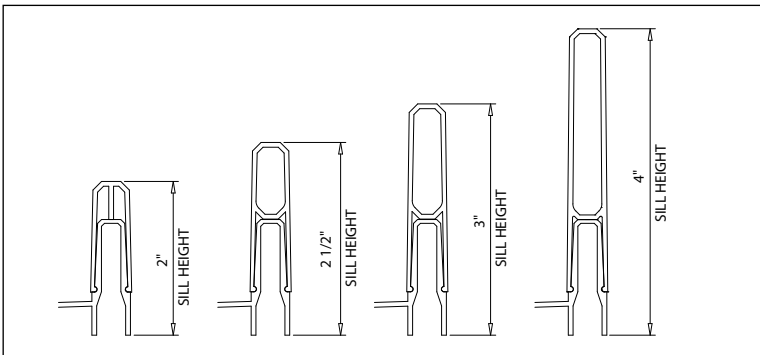


4-TRACK PANEL CONFIGURATIONS

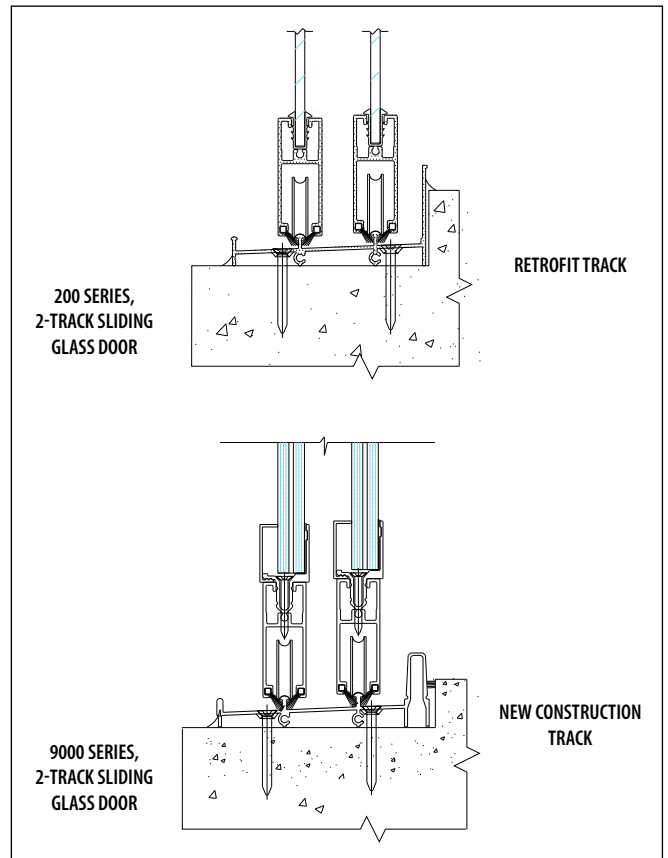


NOTE: All doors are available standard or reversed stacked. * Not available in 975 or 9000 Series

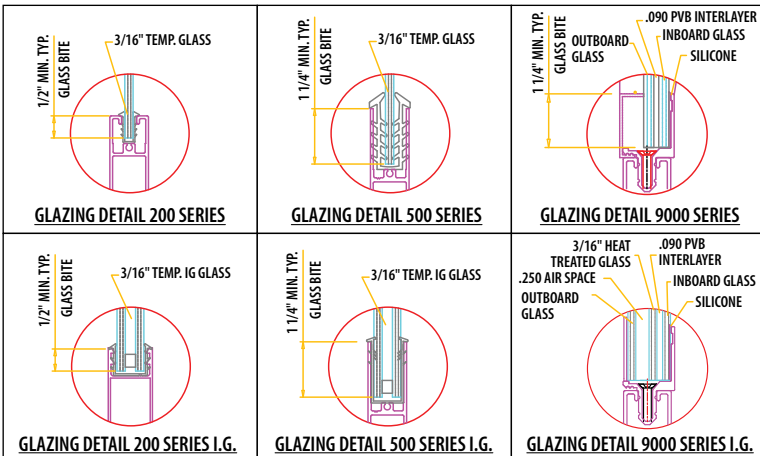
OPTIONAL SNAP-ON SILL RISERS



SLIDING GLASS DOOR TRACK (TWO TRACK DOOR)



GLAZING DETAILS



THE PRODUCT DEPICTED ABOVE IS INTENDED FOR USE ON TYPICAL CONSTRUCTION. THE USE OF ADDITIONAL FLASHING, VAPOR BARRIERS, FASTENERS, ETC MAY BE SPECIFIED BY THE PROJECT'S DESIGN PROFESSIONAL. BASIC WIND SPEED ALONE IS NOT SUFFICIENT TO DETERMINE THE REQUIRED DESIGN PRESSURE (DP). THE REQUIRED DP MUST BE CALCULATED IN ACCORDANCE WITH ASCE 7-98 BY A DESIGN PROFESSIONAL THAT IS FAMILIAR WITH THE PROJECT DESIGN AND LOCATION, AS SPECIFIED IN THE 2004 FBC. DP COMPARATIVE ANALYSIS CHARTS AND COMPLIANT TEST REPORTS ARE AVAILABLE FOR ALL NUAIR MANUFACTURED PRODUCTS. PLEASE CONSULT YOUR LOCAL BUILDING CODES FOR EXACT REQUIREMENTS.

SGD Hardware and Options