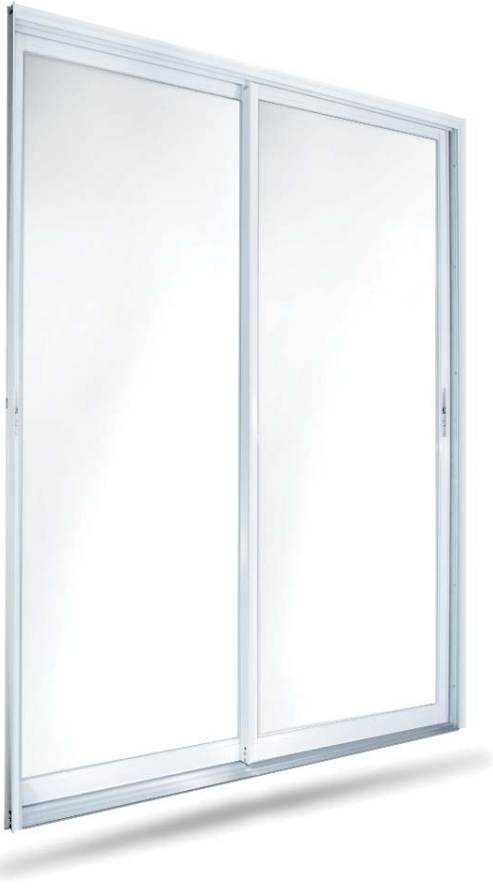


# 430/440/450 SLIDING GLASS DOOR

This door offers a choice of panel configurations and is available in classic colonial styling. Ask about custom size availability.



## FEATURES AND BENEFITS:

Die-cast latch for added security and ease of operation.

Modular size conforms to the industry's most commonly built openings and makes replacement of existing doors fast and easy.

Steel rollers allow door panels to move smoothly. Stainless steel added option is available.

Heavy duty screen with tubular extruded stiles and rails resist bowing.

**Multiple panel configurations:** Most moving or fixed panels are available.

Custom sizes mean that units may be cut down in height and width as an added option.

Colonial design aluminum muntins on exterior and interior are an added option.

Interior door installation shall be installed using a flat sill without interior door riser.

## Specifications

Configurations . . . . .	Infinite Combination of Moving and Fixed Panels
Glass Thickness . . . . .	3/16", 1/4" or 5/8"
Muntin . . . . .	Profile Extruded Interior and Exterior
Frame Color . . . . .	White; Bronze





# 430/440/450 SLIDING GLASS DOOR

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430 FOR SINGLE GLAZE

440 FOR 5/8" INSULATED

450 FOR SINGLE GLAZED WITH HEAVY INTERLOCKS

## General Information

Sliding glass doors shall be of series 430, 440 or 450 as manufactured by Lawson Industries, Inc., Medley, Florida, USA.

## Construction

All door members shall be of commercial quality 6063 aluminum alloy to T5 and T6 temper. Door stiles shall be notched to allow top and bottom rails to telescope into stiles for maximum strength. Locking and fixed stiles to be of tubular design with minimum dimension of 1" x 1". Tracks shall be of sloped exterior design with a 1 3/4" vertical riser as standard. Optional tracks with various vertical risers shall be available for conditions requiring higher positive pressures. Top of vertical door stiles shall be joined to horizontal rails using two #10 x 3/4" sheet metal screws. Bottom door rails shall be joined to stile using one #10 x 3/4" sheet metal screw.

## Finish

Doors, jambs and headers shall receive an electrostatically applied 1.0 mil dry fill thickness coating which meets the performance requirements of A.A.M.A. 603.5 in a choice of bronze or white. All tracks and thresholds shall be finished.

## Hardware

Latches shall be flush-mounted in white or black painted finishes with integral interior and exterior recessed, matching pulls. An "On-Off" switch-type "Night Lock" shall maintain the doorbolt in locked position. Latches shall

include a high quality 5-disk keylock to actuate the lock from the outside (added option). Keylocks may be keyed alike or master keyed on special order at additional cost.

## Muntins

When specified, muntins shall be 1 1/8"-wide aluminum extrusion applied to interior, exterior or both sides of door panel.

## Glass

Doors shall be glazed using 3/16", 1/4" or tempered 5/8" insulated glass.

## Screen

Vertical and horizontal members shall be tubular sections with spring-loaded rollers in identical top and bottom rails for easy reversing. Positive action screen latch shall be self-reversing. All corners are joined using 2 #8 x 1 1/2" sheet metal screws. A box screen using door panels shall be available as an added option.

## Weather Stripping

Double weather stripping throughout unit shall be water-resistant polypropylene pile and virgin PVC vinyl.

## Test Data

Double weather stripping throughout unit shall be water-resistant polypropylene pile and virgin PVC vinyl.

**LAWSON**  
INDUSTRIES, INC.