

Screen Options

Operable Screens



Swinging Screen Doors

A traditional screen door is also available with in-swing terrace and French doors. This is an actual door frame with screen mesh. Instead of the screen being limited to the terrace door frame, the screen door will open and close while projecting into a patio or sidewalk. The screen door is made from an aluminum frame which has the same site lines as a folding door or terrace door. Handle options can be matched on the screen door and terrace door. Hinges used on the screen doors are the same ones found on Solar's hurricane rated folding door system, ensure no rust or operation difficulties. All screen options are smooth with no pleats.



SI1103N Sliding Screens

Sliding screens are used on large openings. Most commonly found in conjunction with either sliding doors or folding doors. The screen is placed on the exterior of the door. Each system has operable and fixed panels. The operable panels will slide behind the fixed panel. A sliding screen door can be utilized in front of a folding door system. The sliding screen will stack up to either the left or the right and when fully open, only the fixed panel(s) are visible.

Another common application of sliding screen systems is the creation of a screened porch. Instead of enclosing a screen with glass, screens can be utilized. This allows the outdoor area to be used in comfortable weather. The bugs can be held at bay when needed and then the panels can be slid open, and the porch is open again.



SI1102N Folding Screens

Folding screens mimic the flow of a folding door. All of the panels will slide to either the left or the right, and will fold flush against a wall. Operable doors can be added to the units, just as with glazed folding doors. Folding screen panels can also be used an outdoor room, such as a sunroom or pool house. This allows you to enjoy nature during pleasant weather.

There are numerous screen options available. The standard screen is charcoal gray in color and is a mesh material. Available options include differing colors, and weave tightness. Please contact a Solar Innovations, Inc. representative for exact options. Frame finishes are available in one of Solar Innovations standard or custom colors.



P Series Infinity (Pleated)

A pleated screen offers more privacy than a standard flat screen and added glare control. The P Series Infinity screen is a pleated system for use with Solar's operable door systems. Folding doors, sliding doors, lift slide doors and screen rooms or open patios can all be used in conjunction with this specific screen. Mounted to the interior of the door, the screen is used to keep insects out of the space while still allowing air flow and daylight.

- Size:** 118" maximum height with an unlimited number of panels to create virtually any width.
- Frame:** White, Silver, Dark Bronze
- Mesh:** Standard Black Pleated



P Series Distinction (Pleated)

This screen system is typically used with smaller openings compared to the Infinity. It can be used with a French door, folding wall, sliding doors, or lift slide. The screen material is pleated, but features no horizontal divisions. When used with a moderately sized opening it easily opens an entire wall. When retracted the screen is very narrow and does not take up site lines or floor space.

- Frame:** Shell White Finish
- Mesh:** Standard Black Mesh



P Series Legacy (Smooth)

Screens for terrace and French doors are available through Solar Innovations. This retractable screen pulls from one side of the door jamb to the opposing side. When retracted it is only a few inches wide and located on the interior side of the door. The screen material is flat, with no pleats or horizontal divisions. When the screen is pulled across the door, it latches into place via a handle and can be easily released to retract the screen.

- Max Sizes:** 48"W x 100"H or 36"W x 120"H
- Frame:** Classic White, Slivered Almond, Sandal Wood, Driftwood Beige, Rideau Brown, Hartford Green, Coastal Gray, Phantom Black
- Insect Mesh:** 58% or 45% open depending on selection. 40 or 55% UV block depending on selection. Charcoal or Gray colors.
- Solar Mesh:** Reduce heat & glare, while keeping out insects. 32% open, up to 65% UV block. 10% open. Charcoal, Gray, Beige and Oyster colors.

Screen Options

Horizontal Operable Screens



B Series Retractable Screens (Pleated)

The B Series screen is suited for applications with large openings, particularly in height, where a pleated screen is desired. This screen consists of either a single or double panel configuration with pleated screen. The system can be used with folding doors, sliding doors, French doors, lift slide, screen rooms, or open patios. Two panels can meet on a 90 degree corner to enclose a space. There are only ever two individual panels, which means there are not numerous horizontal divisions disrupting the view.

Screen: Standard Black
Frame: Black(Stocked), Gray, Pearl White



C Series EcoScreens (Smooth)

Solar Innovations, Inc. offers a combination unit screen to provide privacy, air flow, and protection from insects. This system combines a blind material and a screen material on one track.

The blind provides privacy by limiting vision, though not 100% privacy, visibility is greatly reduced. While using lightly colored blinds, a light can allow silhouettes to become visible. Darker color blinds block even more vision. The blind is in the form of a “spool” attached to a cassette on one horizontal side, an additional blind “spool” is attached to an opposite horizontal cassette.

The system operates by pulling the blind out of the cassette (like pulling a paper towel) to cover the entire opening, while the screen is retracted into the cassette and vice versa. The panel can be partially opened and it will not slam back to the frame.

An additional benefit of this blind is that it can also function as a projector screen for movies and television.

Combined: 7’6”H x 12’0”W
Single: 12’L x 10’H
Double: 12’ L x 7’6”H

Screen: Charcoal Color 48% or 55% open

Blinds: White, Light Grey, Charcoal





P Series Executive

This screen system moves up and down, compared to left and right like a typical door. The screen is typically motorized because of the tall heights. Housing boxes for the screen can be either surface mounted or recessed into the building. Hand held remotes or wall mounted controllers are available for regulating the operation of the screens. This screen system can be used on folding walls, sliding doors, lift slide doors, stacking walls, screen rooms and curtain walls. Executive screens can enclose openings up to 16'0" in height and 25'0" in width.

Frame finishes: Classic White, Slivered Almond, Sandal Wood, Driftwood Beige, Rideau Brown, Hartford Green, Coastal Gray, Phantom Black



Fixed Screens

Fixed screens are used on operable windows. This type of frame is what is typically found in homes and businesses worldwide. The screen frame is attached and remains stationary. A fixed screen is used in conjunction with casement windows, awning windows, hopper windows, and tilt turn windows. A fixed screen can also be placed on an operable skylight or ridge vent; they will have an interior mounted screen. Casement, awnings, and hopper windows have screens on the inside of the frame, closest to the interior room. Screens on tilt turn windows are placed on the exterior because the window opens to the interior.

Fixed Screens Options



Regular Screen



Pet Screen



Clear Advantage Screen



Charcoal Aluminum Screen