LaCantina Doors all aluminum system defines contemporary design. Strikingly clean and narrow door frame stiles and rails, our aluminum system features a 2 3/4” stile and rail profile allowing for more glass and light. Large openings up to 65’ wide and 10’4” tall with 10 panels folding in each direction are available. Suitable for residential and commercial projects, the aluminum system is complete with all hardware including concealed multi-point locking throughout.

Frame sections are extruded aluminum and consist of a head track, jambs and sill. Jamb thickness is 1 1/4” (32 mm). Frame depth is 5 5/8” (143 mm). Frames are supplied ready for assembly and installation. An anodized aluminum sill incorporating a weather stop and weep holes will shed water from the guide channels. The frame’s thermal breaks prevent condensation on the drywall or floor. ADA, flush sill and inswing options are also available but not recommended for weather exposed applications.

Panels feature extruded aluminum stiles and rails with no horizontal mullion. Panel thickness is 1 3/4” (44.5 mm). Rail and stile width is 2 3/4” (70 mm). Maximum panel height is 10’ (3000 mm) for a maximum frame height of 10’4” with a standard sill. Maximum panel width is 39” (1000 mm).

In stock colors include clear anodized, bronze anodized or white paint. Optional and custom colors are also available. Standard sill colors include bronze or clear anodized aluminum. As with any aluminum product exposed to weather or salt, periodic maintenance will be required.

A black weather seal specifically designed for ultimate folding door weather performance is inserted in the frame, sill and between the door panels to provide a perimeter seal, specifically designed for folding door performance.

Glass choices include tempered and standard insulated 3/4” (19 mm) clear or LoĒ. Laminated, impact and tinted options are available. Glazing seal is silicone beading on exterior surfaces and glazing seal with bead on the interior of the panel.
ALUMINUM FOLDING DOOR SYSTEM

The hardware system is top hung and operates with an upper wheel carrier that rolls on an aluminum head track. The top pivots, intermediate and end carriers support the door’s full weight. The upper carrier and lower guide are attached to the door panel’s hinges. Panels on the jamb side are attached with top and bottom pivots. Other panels will be connected one after the other by an intermediate or end carrier. A lower track in the sill guides the door panels. Pull handles are included to assist with opening and closing the doors.

HARDWARE

The panels can be adjusted with a screwdriver at the pivots and carriers. A locking pin system is used to lock in the vertical adjustments once heights are set. The pivots allow simple adjustments horizontally up to 3/8” (9 mm). All screws are fully concealed for external security.

Architectural grade stainless steel is used for all hinges and carriers. Concealed multi-point locks are used at the top and bottom to secure the folding panels. A 3 point locking handle and lockset is provided with each system that features a daily or active door. Stainless steel or bronze hardware finishes are available.

SCREEN OPTIONS

An increasingly popular choice is to complement our folding door systems with a screening option. LaCantina Doors offers both pleated and non-pleated insect screen & blind systems that can accommodate an opening up to nearly 15’ wide x 10’6” high for a single screen and 29’6” wide x 10’6” high for a double screen. Both of our systems are seamlessly integrated into the bifold door system. Adding a screening system not only protects your home from insects and debris but allows you to keep your doors open more often increasing ventilation and air quality.