DOOR STYLE SPECIFICATION

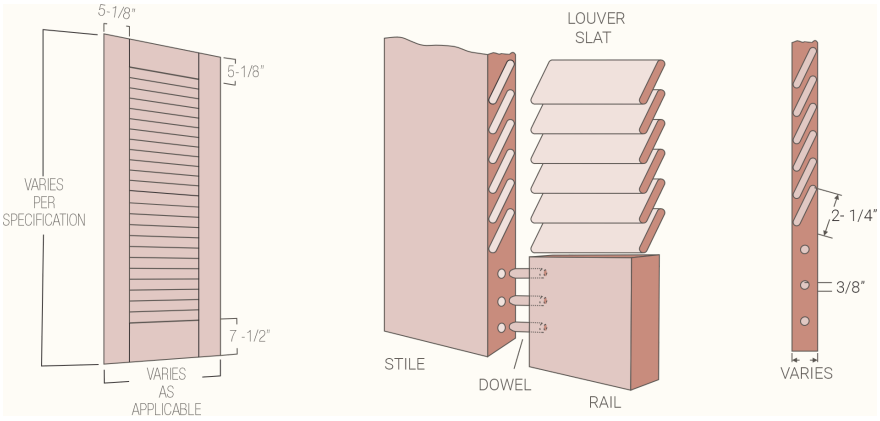
Louver

Louver is a stile-and-rail door style with fixed, overlapping slats that block direct sightlines into the compartment while allowing air to circulate through the door.

CONSTRUCTION	DOOR FACE	DOOR HEIGHTS	MATERIALS
Stile and rail Slats seated in the stile edges	**Angled slats** Overlapping; air passes, sightlines do not	**58″ to 108″** Maximum set by material	**Three** Not available in Solid Surface

WHAT IT IS

Fixed, angled slats overlap within a stile-and-rail frame, each seated in slots cut into the stile edges. On the elevation the door reads as an interior shutter: the slatted face adds depth and shadow, and no direct line of sight passes through.



Louver detail: door elevation with stiles and rails framing the slatted field, an exploded stile, slat, and doweled rail joint, and the angled 2.25″ slat slots in the stile edge.

MATERIAL AVAILABILITY

High Pressure Laminate	● Standard
Compact Laminate	● Standard
Wood Veneer	● Standard
Solid Surface	● Not available

SPECIFIES WITH

MOUNTING STYLES
Headrail Braced (HRB) · Floor to Ceiling (FTC) · European · Floor Mount (FM) · Ceiling Hung (CH)

EDGE PROFILES
Flat Edge · Zero Sightline (ZSL)

DOOR SELECTION

STRENGTHS

+ **Shutter Look.** Overlapping slats add depth and shadow, suiting traditional or residential detailing.
+ **Airflow.** Air circulates through the door while the overlapping slats block direct sightlines.
+ **Lighter Doors.** Open slat construction weighs significantly less than a slab door of the same size.

CONSIDERATIONS

! **Wet-Area Limits.** Wood slats on High Pressure Laminate and Wood Veneer doors are not recommended for recurring water contact.
! **Cleaning Effort.** Each angled slat adds a surface to clean, and wood slats rule out some cleaning products.
! **Color Variation.** Wood slats are stained to coordinate with the door face; slight color and grain differences remain.
! **Tall Doors.** Doors taller than 84″ include a midrail that divides the slatted face near latch height.

TECHNICAL REFERENCE

CONSTRUCTION

COMPONENT	SPECIFICATION
Frame	Two stiles, a top rail, and a bottom rail joined with dowels; 5.125″ stiles and top rail, 7.5″ bottom rail
Slats	Fixed, angled, and overlapping; 2.25″ tall, seated in slots cut into the stile edges
Slat material	Real wood, 0.375″, on HPL and Wood Veneer; compact laminate, 0.25″, on Compact Laminate
Door thickness	1.25″ HPL and Wood Veneer; 1″ Compact Laminate, with 1″ pilasters
Frame core	Engineered wood in HPL and Wood Veneer; solid phenolic in Compact Laminate
Compact Laminate source	Eligible manufacturers; other manufacturers require a pricing adjustment

HEIGHTS AND SIZING

ITEM	SPECIFICATION
Standard heights	58″, 72″, and 84″
Maximum height	108″ HPL and Wood Veneer; 84″ Compact Laminate
Midrail	Doors over 84″; centered near 40″ above finished floor, shifted up to 1″ so the slats fit evenly
Bottom rail	10″ in place of 7.5″ where the door bottom is less than 3″ above finished floor
Slat count	Set by Ironwood for each door height and rail layout to keep the slats overlapping

HARDWARE

COMPONENT	SPECIFICATION
Door weight, 36″ × 84″	≈52 lb HPL and Wood Veneer; ≈86 lb Compact Laminate
Overhead closer	Required on doors over 100 lb; needs a headrail or transom above the door

OPTIONS

OPTION	DETAIL
Slat finish	Clear coat, stain with top coat, color-matched paint, or custom; wood slats only
Slat species	Wood Veneer doors: compatible with the veneer in color and grain
Panels and transoms	Louver construction available in HPL, Wood Veneer, and Compact Laminate

RELATED DOCUMENTS Compatible material and mounting style pages, the limited warranty, and the Spec Builder are linked from ironwood-mfg.com/products/door-styles/louver/