

Aviation No-Fold Door



Higher Quality
**Protect your investments with
the HIGHEST QUALITY hydraulic
single-panel doors.**

At Hi-Fold, we always aim higher when it comes to housing your planes and equipment. We build to last, we build to withstand all weather conditions and we custom-build your door to fit the design and the function you need for your hangar.

Patented Sensing Package

- Revolutionary Door Control Module (DCM)
- Built-in variable speed and door zone controls
- Smooth, synchronized, shock-free operation
- 3 variable door speeds (customer selectable)

Standard Features

- Pre-assembled, tested and ready for installation
- Rugged, high quality components
- Maintenance-free operation in all climates
- Walk doors, windows and remote operation available
- 3-year comprehensive warranty

Revolutionary Door Control



The revolutionary Door Control Module (DCM) is seamlessly integrated within the hydraulic circuitry allowing a performance so powerful that it synchronizes both cylinders constantly within 1/4 inch of stroke!



Higher Clearance • Higher Quality

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Find out more at www.hi-fold.com



or scan the code on
your smartphone
for instant web access

Quality Engineered

Quality Engineered from the Ground Up.

Hi-Fold single-panel doors are highly engineered with a patented technology that delivers a smooth, reliable performance, rugged durability, and space-saving efficiency. The combined electronic and hydraulic components make these doors the state-of-the-art for the industry.

NO-FOLD DOOR SPECIFICATIONS

Standard door sizes: 12'-60' clear opening width. Heights to 20' clear.

Main door structure: 4" x 2" x 1/8" Class A500 steel verticals on no more than 6' centers. 4" x 2" x 1/8" Class A500 horizontals. 2" x 2" Class A500 exterior truss at door bottom full width.

Door frame: 6" x 2" x 1/4" vertical support columns. 4" x 4" x 1/4" full width header. Full perimeter bolting flange.

Door finish: All doors primed with black water base oxide and painted with black ester enamel epoxy.

Hinges: Heavy duty factory welded leaf type hinges are installed on the top of each door vertical member.

Power unit: 3-5 horsepower oil submerged motor. Full flow pressurized oil filtration.

Hydraulic cylinder sizes: Industrial quality 3000 psi welded steel cylinders. 3" bore 2 1/4" rod with length based on height of door.

Counterbalance safety valves: Ensures door can't free fall in the event of sudden pressure loss.

Electrical wiring: Furnished and completely factory installed. 208/240 volt single phase. Amperage varies with door size. Conduit required to be supplied by others. Electrical components located to meet the requirement of N.E.C. section 513.

Operating control: NEMA type 1 "Up-Down" push button control wired 24 volts. Constant pressure required for door travel.

Up/Down limits: Factory set via internal hydraulic cylinder stops.

Open close time: Approximately 1 minute, varies with door size.

Top seal: 12" wide full width rubber to seal top of door to building.

Rubber bottom seal: 3" seal space between door and finished floor sealed with full width 12" wide rubber.

Weather stripping: 3/4" x 3/4" open cell foam to seal door to frame.

Floor cane bolt: Factory installed cane bolt(s) dependent on overall door size.

Warranty: 3 years on materials and workmanship.

OPTIONS

Patented Sensing Package*: Computer controlled cylinder movement ensures no more than 1/4" of cylinder differential from side to side and prevents warping/twisting of door.

- Revolutionary Door Control Module (DCM)
- 3 user-selectable door speeds.
- Soft start and stop reduces stress on building
- Momentary contact up-down-stop switch
- Interface for optional door operation lighting, bell or siren

Extra heavy duty frame & door: Standard wind load can be increased to meet local code requirements.

Flush mount support frame: For Retrofit application.

Safety edge and photo eyes: Available by special order.

Commercial radio control: Allows door to be opened, stopped and closed or any combination from remote location. Additional transmitters available.

Walk door: Aluminum frame insulated and weather stripped walk door with residential grade keyed lock and wind chains available.

Windows: Commercial grade slider window with insulated glass and screen.

Interior/exterior lighting, warning bell or siren during door operation.

* Patented Sensing Package is not intended to meet safety code for "monitored entrapment protection" UL325-2010.

Because of its continuing program of product improvement, Hi-Fold Door Corporation reserves the right to make changes in specifications and designs without notice or obligation.

Higher Clearance x Higher Quality + More Options = Higher Value

