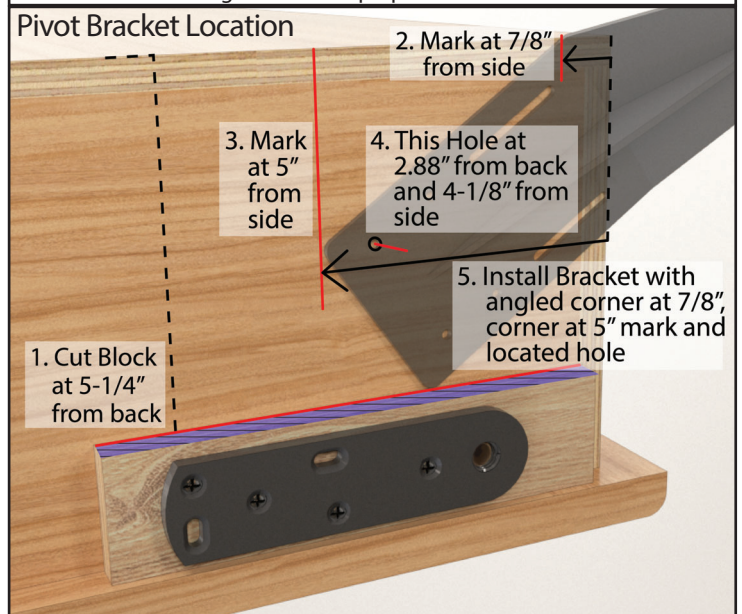
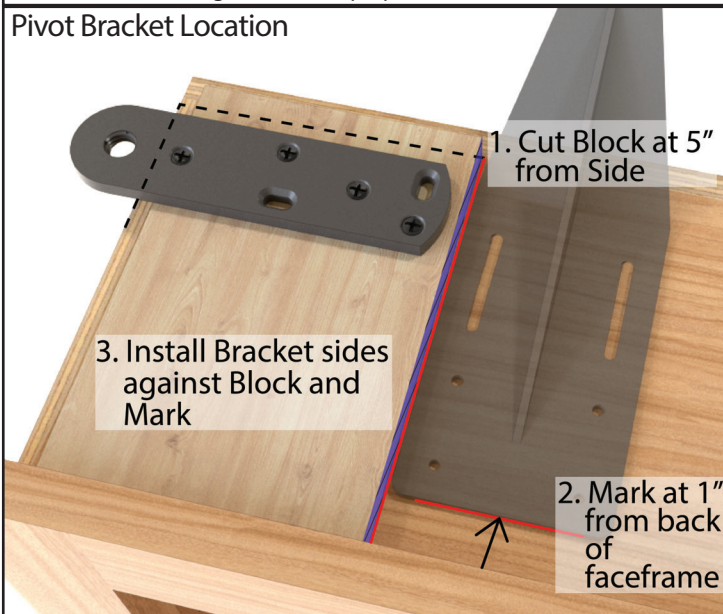
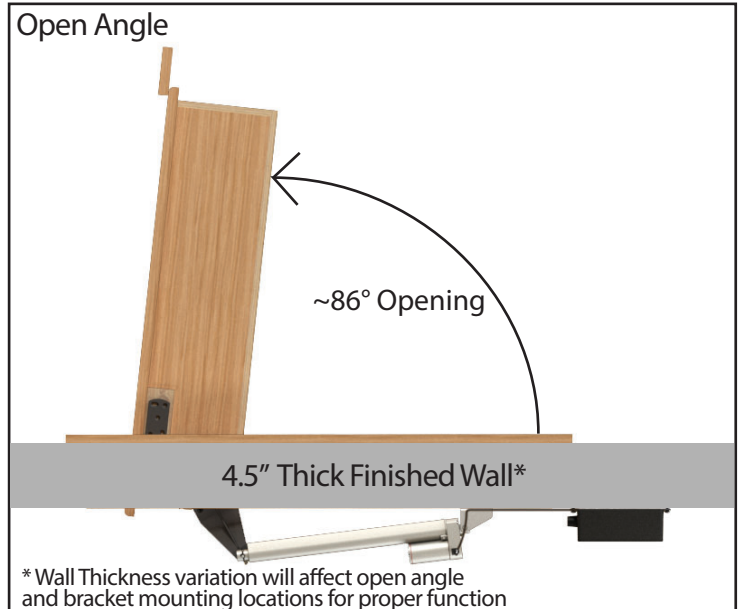
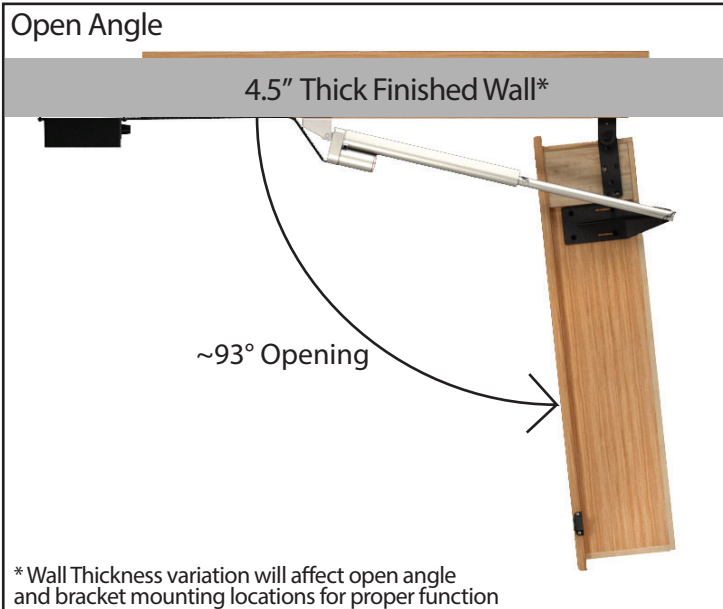


INVISIDOOR MOTORIZED LATCH

TECHNICAL GUIDE

INSWING APPLICATION

OUTSWING APPLICATION



Motor Specs:

	Load (LBS)		No Load Current (A)		Full Load Current (A)		Speed (inch/sec)	
	Dynamic	Static	12VDC		12VDC		No Load	Full Load
	50	100	1.0		5.0		1.14	0.83
Stroke	12"							
Limit Switch	Internal - Non-Adjustable							
Limit Switch Feedback	Customizable							
Screw Type	ACME Screw							
Motor Type	Brushed or Brushless DC Motor							
Connector Type	See Page 5							
Wire Length	40" (customizable)							
Housing Material	6062 Aluminum Alloy							
Rod Material	Aluminum Alloy							
Gear Material	Powder Metallurgy Steel Alloy							
Color (Shaft)	Silver							
Color (Motor End)	Silver							
Noise	<45dB							
Duty Cycle	25% (5 minutes on, 15 minutes off)							
Operational Temperature	-25°C to 65°C (-13°F to 149°F)							

continued on back side

Remote Controller Technical Instructions

The following steps require opening the Motor Enclosure Case and removing the Remote Controller (black box) to gain access to the working side of the module. It is held in place using velcro.

Momentary/Non-Momentary Mode

Momentary Mode

- Ensure the Jumper S1 on the PCB is connected
- Hold UP to extend the actuator, let go to stop the actuator
- Hold DOWN to retract the actuator, let go to stop the actuator

Non-Momentary Mode

- Ensure the Jumpers S1 on the PCB is disconnected
- Press UP to extend the actuator, Press UP again to stop the actuator
- Press DOWN to retract the actuator, Press DOWN again to stop the actuator
- If DOWN is pressed while the actuator is extending, it will reverse direction and begin to retract

Remote Synchronization Process

- Open the control box and press the white button. the blue LED will turn on
- Press any button on the remote and the LED will turn off
- The remote is now saved to the control box
- A maximum of two remotes can be saved to one control box

Troubleshooting

- Motor does not respond to button activation: Check to make sure power is still feeding system. If power is ok, try to make speed adjustments during motor operation. Sometimes lowering speed adjustments made after motor has completed a movement sometimes causes it to delay or not respond the next time you press a button. Speeding it up momentarily after trying to open/close will cause it to operate, allowing to correct the speed back down while it is in operation resolves this issue.
- Motor struggles to open InvisiDoor: Try turning up the motor speed with the knob. Sometimes lower motor speeds will not have enough power to open the door due to tight tolerances, varying weights on the InvisiDoor, or leveler foot resistance. Check to eliminate one of these interferences if you want to run at a lower motor speed.
- InvisiDoor does not close completely: Interference in the door operating completely when trying to shut could be the leveler foot needs to be raised to allow for less resistance at the end of the closing process. Adjust the foot leveler up to allow the door to close properly and catching the magnetic catch. InvisiDoor can sag over time due to weight on the door and environmental changes. Check the leveler foot periodically to see if any leveler foot adjustment is needed to allow door to operate correctly. If there is no noticeable resistance to InvisiDoor, but still will not close completely, try readjusting the location of the wall bracket referring to instruction steps.