



Single Panel Automatic Door

Flush Mount Tilt Back
Installation Instructions



Installation

1. Add guides and motor tube to the final enclosure. See figure 1.
2. Place door into position on top 1/8 inch thick shims. This is to ensure the door does not hit the bottom of the opening when closed and make any unnecessary noise.
3. Unwrap straps by hand and add lifting strap clips to the door approx 2 to 3 inches down from top of the door. Ensure that 1 ½ wraps of strap material stay on the motor tube when the door is down
4. Add roller assemblies marked Left and Right. Ensure that they are pressed down as far as possible in the track when screwed in.
5. Check the gap between the fixed panel above the movable door . See Figure 1. NEED TO ENSURE NO COLLISION WHEN DOOR GOES UP. If the door is very thick a collision can occur and the gap and chamfer need to be modified. Can also cut the guides off at the bottom and effectively lower the track which will give more clearance.
6. Remove all shims and test. You must press channel 1 before operating the up and down on the transmitter. This channel was preset at the factory



Installation

7. If door does not raise and lower perfectly straight, the right strap (from the front) can be adjusted by removing the anchor screw and resetting the strap position. The motor side or left strap CANNOT be adjusted.
8. If door does not close perfectly flush the guides can be moved slightly to ensure the desired fit and roller asm can also be shimmed to ensure that the door closes flush and straight.



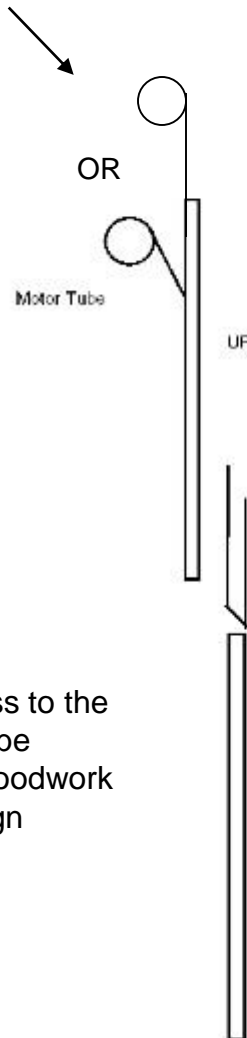
- 9 Set the limits. IF THIS STEP IS NOT DONE PROPERLY DAMAGE TO THE UNIT CAN OCCUR. This step requires that you operate the motor manually until the limits are set. The IR remote control has 3 positions UP, STOP, DOWN. Until limits are set you must move switch to the center off position manually to stop the motor or damage may occur.
- A) Plug in the unit See wiring diagram. Please wire controller into a surge protector.
 - B) **Press 1 on the remote control then press up or down to operate the motor. The channel 1 has been preset as the proper channel at the factory**
 - C) Press the “down” limit switch all the way in on motor. Limit switches are located on left side of motor tube and the “down” limit switch is the one that is the closest to the front. Carefully press the operating switch down until you are at the down position desired with straps slightly unloaded. You must press the stop to stop motor. **DO NOT LET MOTOR RUN WITHOUT SHUTTING IT OFF BY pressing STOP(OFF POSITION)**
 - D) Press the “down” limit switch on the motor until it pops back up. The limit is now set.
 - E) Move to a mid point position and then press down on the operating switch. The motor should now automatically stop at the selected down position.
 - F) Repeat steps C,D and E for the “up” limit switch which is located at the back of the motor tube on the left side..
 - G) Limits CAN be reset at any time if at any time the current position is deemed inadequate.



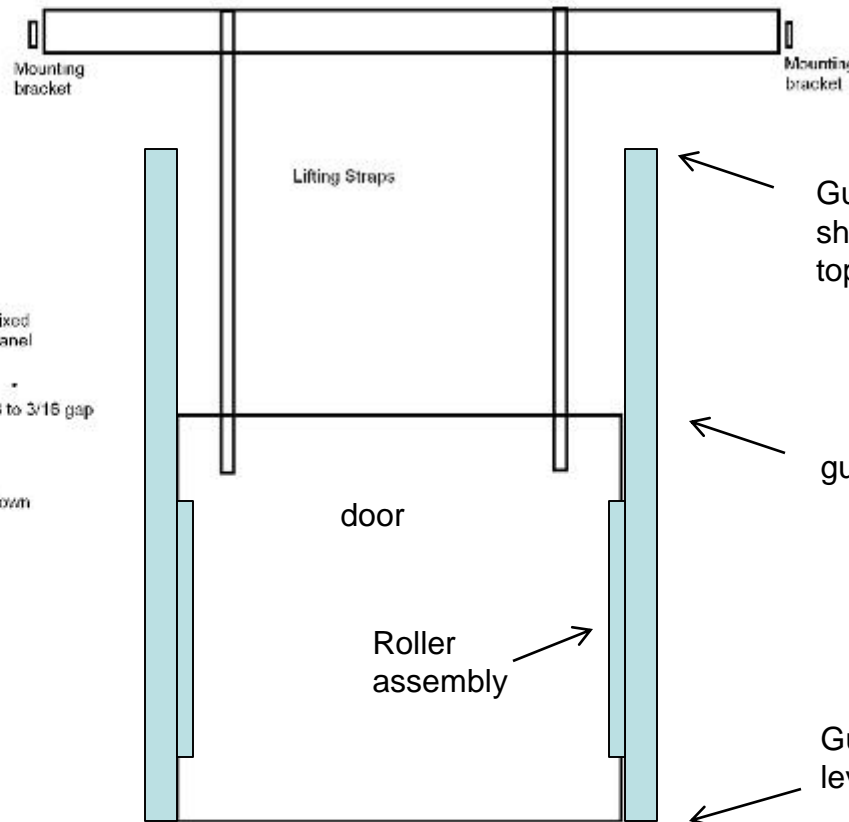
Automated Cabinet Door

Fig 1

Motor tube should be placed so that straps are straight up or slightly back when door is up. Tube center usually 1 to 3 inches back from track



Motor tube needs to be back slightly from the door travel and can be located anywhere in this general area



Guides can be shortened slightly at top if necessary

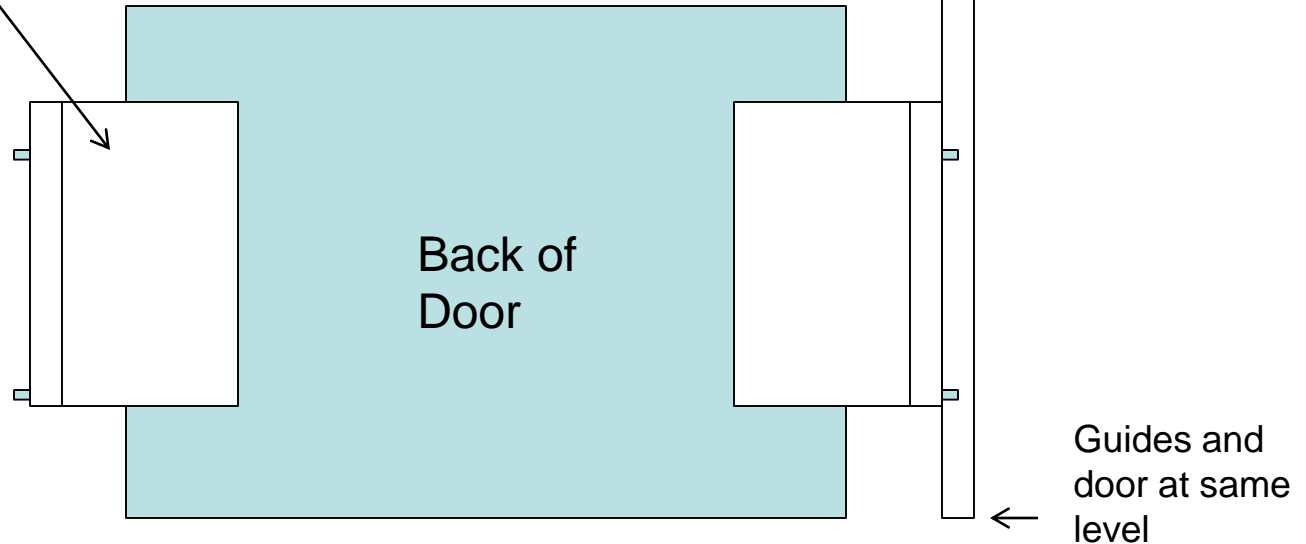
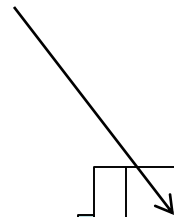
guides

Permanent access to the motor tube must be included in the woodwork and cabinet design

Guides and door at same level when door is closed

Optional approach

Extensions not included



Roller assemblies can be extended if moving the guides out laterally to hide them is desired. The standard approach is to attach the roller assembly directly to the door.