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Ensure no obstacles are in the column's path. Ensure the columns are not touching any walls. Ensure all cords are appropriate length to accommodate the change in height.



**Warning**  
**Pinch Point**  
Keep hands and fingers clear.



Keep children away from electric height-adjustable lifting columns, control units, and handsets. There is a risk of injury and electric shock.



Keep all electrical components away from liquids.



Do not sit or stand on the lifting columns. Do not crawl or lie under the lifting columns.



Do not place any objects taller than 20" underneath the lifting columns.



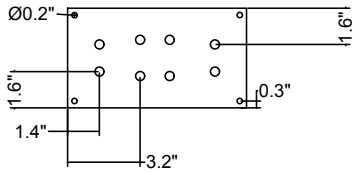
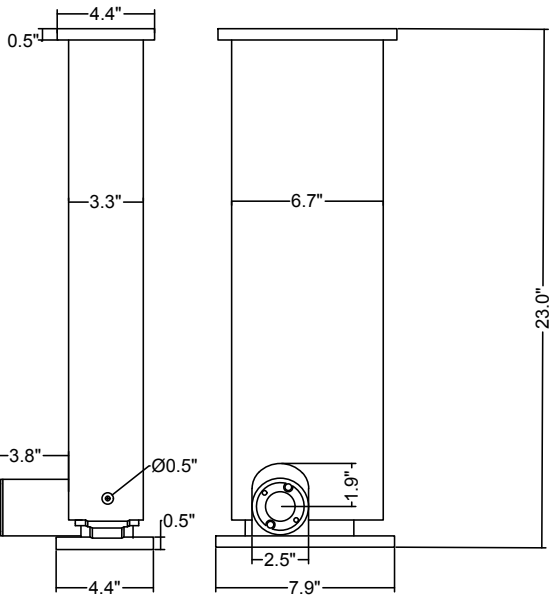
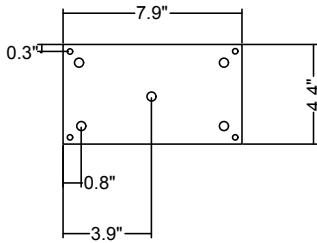
During the Reset Procedure, the columns will retract **7mm below the lowest normal operating height**, ensure no obstacles impede this motion of travel.

|                        |                                 |
|------------------------|---------------------------------|
| <b>Input Voltage</b>   | 120 VAC, 60 Hz                  |
| <b>Output Voltage</b>  | 24 VDC                          |
| <b>Stroke</b>          | 32"                             |
| <b>Weight Capacity</b> | 880 lbs (440lbs Per Leg)        |
| <b>Speed</b>           | 0.5"/sec                        |
| <b>Height Range</b>    | 24"-56" (without table top)     |
| <b>Duty Cycle</b>      | 10% Max. 2 mins on, 18 mins off |
| <b>Material</b>        | Aluminum Alloy                  |
| <b>Certification</b>   | UL                              |

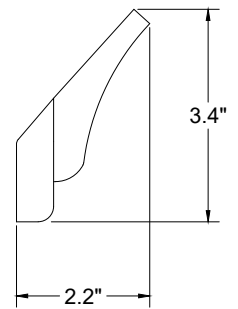
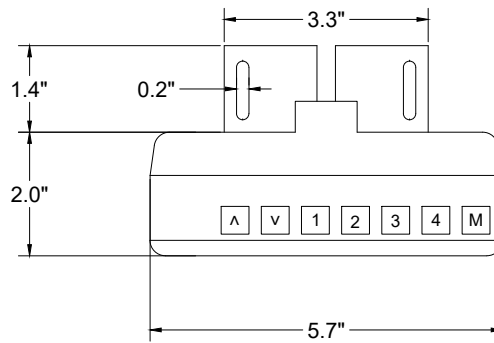
| Feature             | Description   |
|---------------------|---|
| Soft Start and Stop | The tablelift will accelerate to maximum speed and decelerate to a stop to ensure smooth travel.  |
| Memory Presets      | The Smart Remote has the ability to save preset height locations for convenience. Set the numbered buttons on the Smart Remote for quick and seamless adjustment. |

# Dimensional Drawing

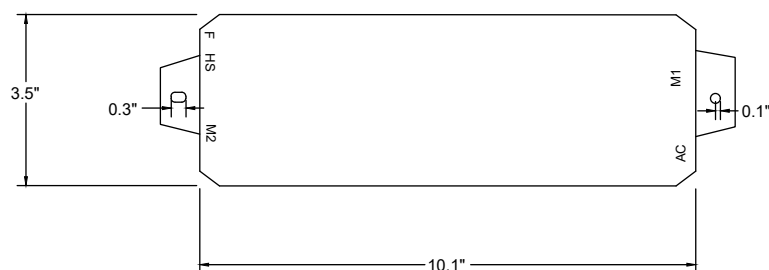
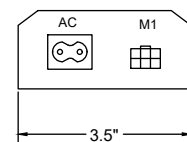
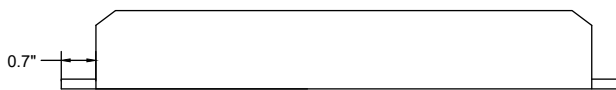
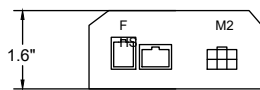
## Legs



## Remote



## Control Box



# Components

Lifting Columns x 2



Control Box and Remote



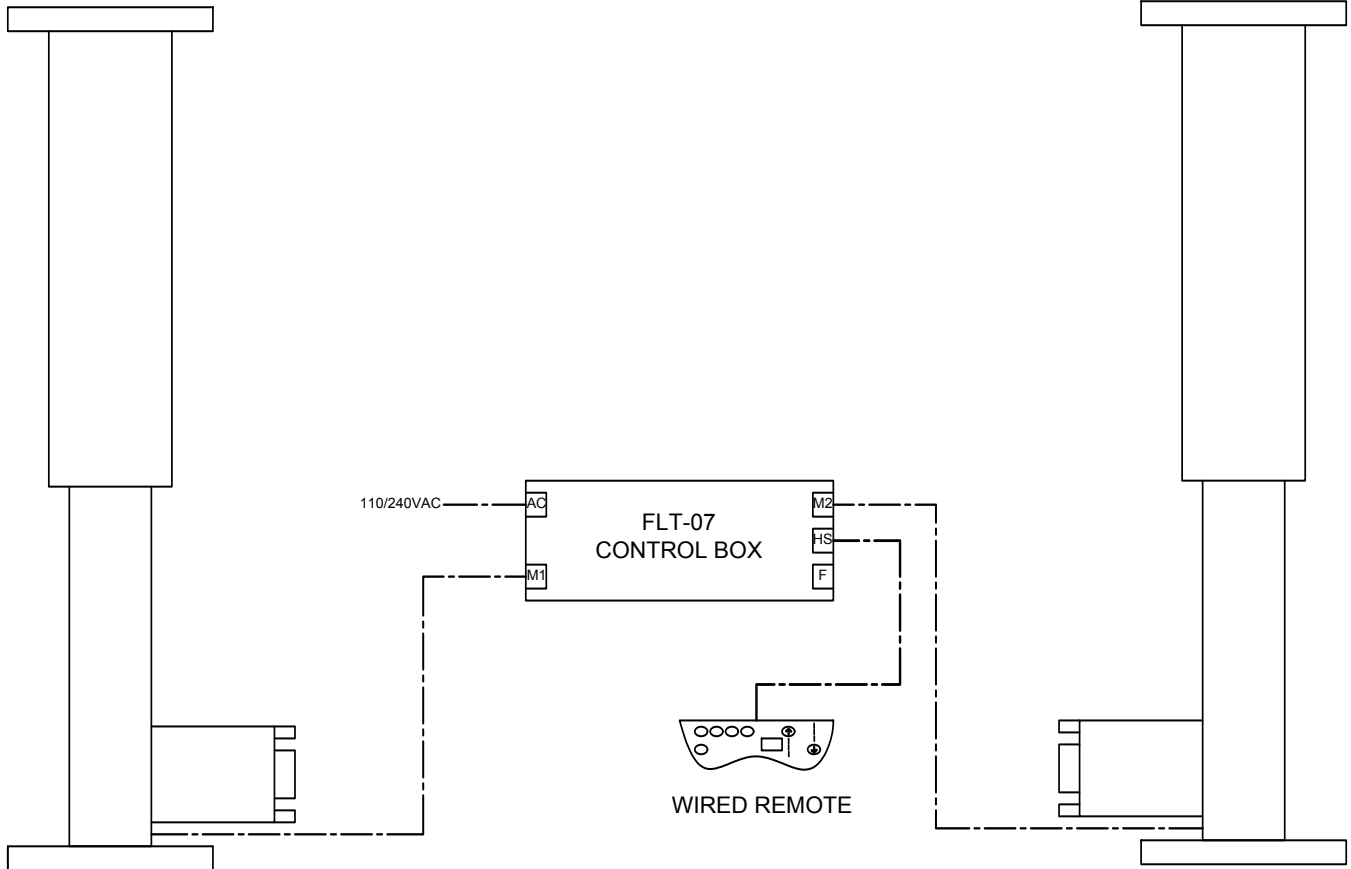
AC Power Cord



# Setup

FLT-07  
LIFTING COLUMN [M1]

FLT-07  
LIFTING COLUMN [M2]



### Normal Operation

Using the wired remote, press and hold the 'Up' button to raise the table lift. To lower the table lift, press and hold the 'Down' button. The 'Up' and 'Down' buttons are momentary controlled, when they are released, the table lift will stop immediately.

To set a preset location, move the table lift to the desired height. Press the 'M' button followed by a numbered button. The LED display will flash an 'S', followed by an 'S - Number'. This will indicate that the preset has been saved.

To use a preset, press any of the numbered buttons and the table lift will begin to move to the preset position. It is important to ensure that no obstacles impede the motion of travel. To stop the table lift, press any button.

If the table lift does not function as intended or the LED display flashes "RSt", please follow the Reset Procedure outlined in the next section.

### Setting the LED Display

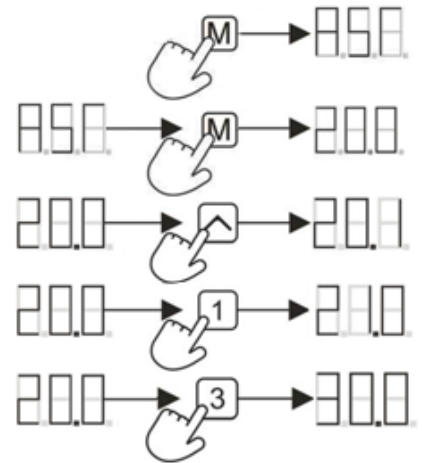
Using the wired smart remote, retract the table lift to the lowest position. Press and hold the 'Down' button again until the LED display flashes "RST".

Press and hold the 'M' button until the LED display flashes the starting height (if the display returns to "RSt" before the next step, repeat this step).

To change the value of the starting height, use the 'Up', 'Down' to increase and decrease by 0.1. Use the '1', '2' to increase and decrease by 1s. Use the '3', and '4' buttons to increase or decrease by 10s.

Once the correct value is displayed, wait 5 seconds until the LED display flashes "RSt". Follow the Reset Procedure outlined in the next section to save the new starting height.

Note: the LED display has a tolerance of  $\pm 0.1$ .



## Reset Procedure

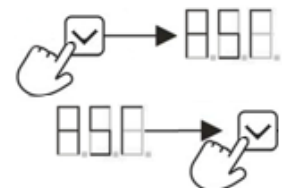
**WARNING: During the Reset Procedure, the table lift will retract 7mm below the lowest normal operating height, please ensure that no obstacles impede this motion of travel.**

1. Move the table lift to the lowest position. (If there is an 'RSt' displayed on the remote, continue to step 3.)

2. To initiate the Reset Procedure, press and hold the down button on the remote until "ASr" is displayed. Release the down button.

3. Press and hold the down button on the remote, the table lift will begin to retract 7mm lower than the lowest normal operating height. To stop motion at any time, let go of the down button.

4. Once the table lift has completed the Reset Procedure, height will be displayed on the remote.



| Troubleshooting Guide  |                          |   |
|--|--------------------------|---|
| Problem  | Possible Cause           | Corrective Action   |
| Remote LED is off.   | Low power mode activated | Press any button on the remote and LED will activate.   |
|  | Connection issue         | Disconnect and reconnect the RJ-45 remote connector. Ensure connection is secure and cable is not damaged.  |
| Table lift does not move when motion control buttons are pressed.            | Limit switch reached     | Follow "Setting Limit Switches" instructions to remove the programmed limit. If maximum or minimum height limit has been reached, please move the system in the opposite direction. |
|  | Connection issue         | Disconnect and reconnect the Lifting Columns, Control Box, AC Power, and Remote.  |
| Table lift travels at a significantly slower speed than rated specification. | Weight issue             | Ensure weight capacity has not exceeded the maximum load rating.  |
| Unusual noise during travel.   | Weight issue             | Ensure weight capacity has not exceeded the maximum load rating.  |
| Table lift stops abruptly during travel.                                     | Obstacle                 | Ensure there are no obstacles in the path of the table lift. If the movement continues to fail, initiate the Reset Procedure.   |
| Table lift is not level.   | Out of sync              | Disconnect and reconnect all cables (Lifting Column, Control Box, AC Power, and Remote), then initiate the Reset Procedure.   |

| Error Codes (remotes with LED display) |                                  |  |
|--|----------------------------------|--|
| Error Code                             | Error Summary                    | Description  |
| E01                                    | M1 overcurrent protection        | All columns stop moving and remote displays E01-E04. Ensure that the total weight capacity of the table lift has not been exceeded and that no obstacles obstruct the movement. Press any key and remote will display RST, initiate the Reset Procedure. If the issue persists, disconnect and reconnect all of the lifting columns, including the main power. Repeat the Reset Procedure. |
| E02                                    | M2 overcurrent protection        |  |
| E03                                    | M3 overcurrent protection        |  |
| E04                                    | M4 overcurrent protection        |  |
| E07                                    | M1 hall error                    | All columns stop moving and remote displays E07-E10. Ensure that all columns are still properly connected to the control box. Check to see if any cables have been damaged. Press any key and remote will display RST, initiate the Reset Procedure. If the issue persists, disconnect and reconnect all of the lifting columns, including the main power. Repeat the Reset Procedure.     |
| E08                                    | M2 hall error                    |  |
| E09                                    | M3 hall error                    |  |
| E10                                    | M4 hall error                    |  |
| H01                                    | Over heat /duty cycle protection | All columns stop moving, remote displays H01 (if LED screen available). Allow the system to rest for 16 minutes, use normally. Follow the Duty Cycle rating to ensure no issues arise from overheating.  |