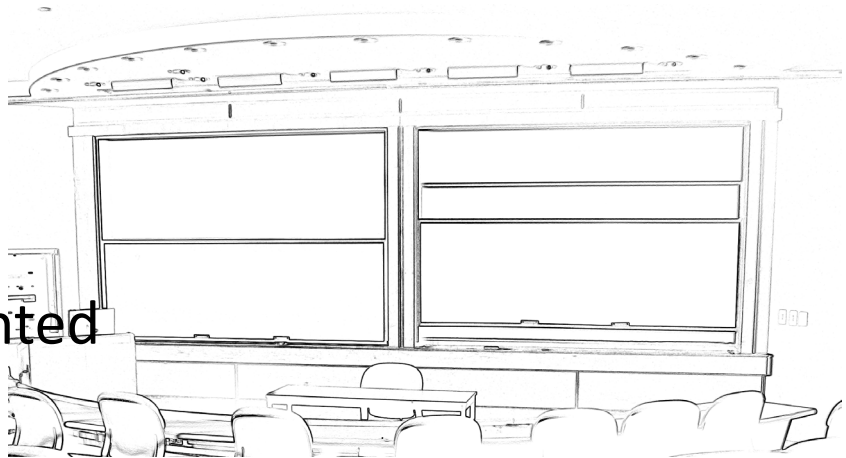




Vertical Sliding System Floor/Wall-Mounted Boards



INSTALLATION INSTRUCTIONS

Parts Layout Identification

The vertical sliding unit is shipped knocked down in the following components:

- Item 1 Top section (head housing with snap front access cover)
- Item 2 Left hand side housing (snap front access cover)
- Item 3 Right hand side housing (snap front access cover)
- Item 4 Fixed back panel
- Item 5 Fixed back panel divider joint (See catalog for maximum board lengths.)
- Item 6 Fixed back panel trim
- Item 7 Sliding panels (counterweight cables attached)
- Item 8 Bottom Sill (Accessory tray assembly, if required, mounted to bottom sill)
- Item 9 Counterweight (2 per sliding panel)
- Item 10 Necessary hardware package – includes: screws, rubber bumpers, cable clamps, etc.

Note: Claridge recommends general maintenance of the cable system. At least annually, depending on usage, we suggest the use of a high end wire rope spray lubricant to be sprayed on all visible cabling. Lubricants are available at most hardware stores.

WARNING

Risk of injury to installers and users

Read the entire assembly directions before beginning assembly.

Vertical Sliding Unit Wall-Mounted Boards

Installation Instructions

Note: Access covers ship installed on head housing and uprights. To remove access covers, first remove screws. Then, starting at one end, pry up access cover, taking care not to damage the face of the upright or head housing. (Use non-marring device.)

Note: One-track vertical has screw-on access cover, not snap on. Once an end is raised, continue to apply leverage the length of the upright. Rotate out to “un-lock” snap mechanism. Remove weight divider(s).

1. Mount bottom sill, Item 8, at desired height, making sure sill is level. Toenail to wall using pre-drilled holes and appropriate anchors.
2. Install top and side housing, items 1, 2, and 3, using enough screws to only temporarily install either the right or left side housing. Side housing must be installed plumb. Width dimension between right and left side housings must not vary more than 1/16” from top to bottom of unit. Blocking may be necessary to support bottom sill prior to removing upright in Step 4. (For motorized units, run wiring from jamb through rubber grommets in head housing.)
3. Drill through top holes of the bottom sill into angles of the upright and insert screws on one side only. (Screws included in hardware package. If installing a motorized unit, installing the right side first would be preferable.) The other side will be installed later.
4. Remove side housing that was temporarily installed in Step 2. (If unit is motorized, remove left side housing as wiring is housed in right side.)
5. Using adhesive, install fixed back panel, Item 4, positioning panel against upright allowing approximately 1/8” clearance at top and bottom. Add divider joint, Item 5, if required, screwing back leg of joint to wall using countersink screws. This insures that back panel snugs against wall and does not interfere with movement of the sliding panel(s). Then install back panel trim, Item 6.
6. Install sliding panels, Item 7, in the following manner:
 - a. Insert right or left edge of sliding panel into track at side housing, taking necessary precaution to protect the limit switches inside the housing.
 - b. Permanently reinstall side housing which was removed in Step 2, inserting edge of side housing track around edge of sliding panel. (Note: Enough clearance must be maintained between the edges of the sliding panel and side housing for the panel to move freely.)
 - c. See notes for threading cables and cable travel layout.
 - d. Create a loop in the cable using cable clamps (two clamps per cable). Loop should be approx. 1- to 2-inch in diameter. Add spring clip. Attach counterweights, Item 12, to spring clip. Top cable clamp should be approx. 2” below the head. Make sure cable is on pulleys in top section. See cable travel layout detail.
 - e. After weights are installed, push panel all the way to top to insure panel ‘tracks’ evenly. Repeat with next panel. Note: Prior to replacing weight cover, test the sliding panel to make sure weight doesn’t hit at the bottom or top. Once test is complete, weight cover and access cover should be replaced. (If unit is motorized, be sure to connect wiring from jamb to head by connecting color coded wires. Colors must match.)
 - f. With sliding panel raised, drill through the top hole of the bottom sill on the side temporarily installed in Step 3.

Note: There is approximately 2-1/2 lbs. of counterweight material at the top of each counterweight that is removable. At the time of shipment the unit is perfectly counter-balanced at the factory. After a period of time, if the unit should need to be re-balanced, this can be done by removing the necessary amount of counterweight material (removing the same amount from both right and left counterweights).



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Vertical Sliding Unit Floor-Mounted Boards

Installation Instructions

Note: Access covers ship installed on head housing and uprights. To remove access covers, first remove screws. Then, starting at one end, pry up access cover, taking care not to damage the face of the upright or head housing. (Use non-marring device.)

Note: One-track vertical has screw-on access cover, not snap on. Once an end is raised, continue to apply leverage the length of the upright. Rotate out to “un-lock” snap mechanism. Remove weight divider(s).

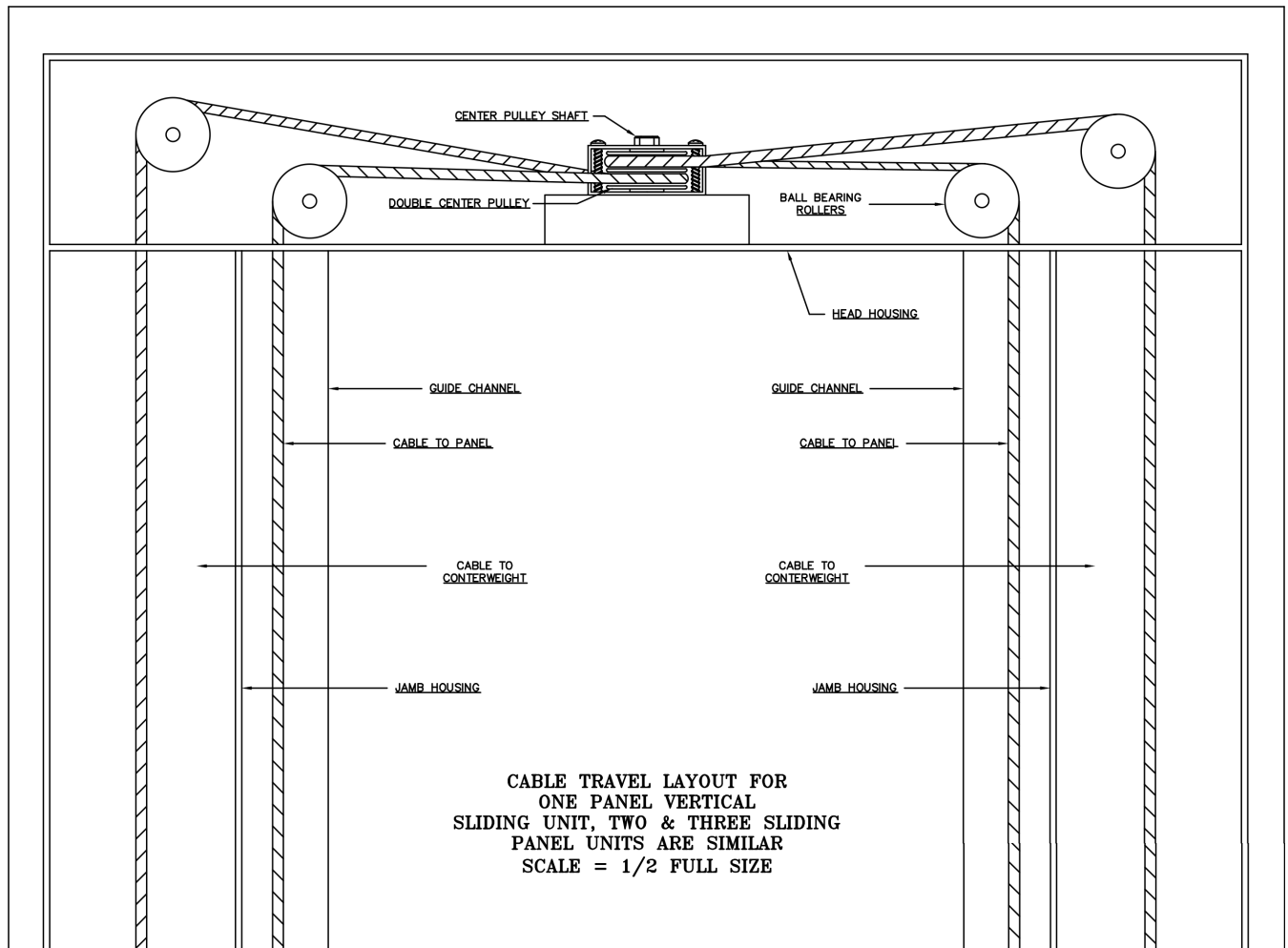
1. Permanently mount 1 side and the head. Then use enough screws to temporarily mount the other upright. (The uprights must be plumb with the head.)
2. Remove side housing that was temporarily installed in Step 2. (If unit is motorized, remove left side housing as wiring is housed in right side.)
3. Using adhesive, install fixed back panel, Item 4, positioning panel against upright allowing approximately 1/8” clearance at top and bottom. Add divider joint, Item 5, if required, screwing back leg of joint to wall using countersink screws. This insures that back panel snugs against wall and does not interfere with movement of the sliding panel(s). Then install back panel trim, Item 6.
4. Install sliding panels, Item 7, in the following manner:
 - a. Insert right or left edge of sliding panel into track at side housing, taking necessary precaution to protect the limit switches inside the housing.
 - b. Permanently reinstall side housing which was removed in Step 2, inserting edge of side housing track around edge of sliding panel. (Note: Enough clearance must be maintained between the edges of the sliding panel and side housing for the panel to move freely.)
 - c. See notes for threading cables and cable travel layout.
 - d. Create a loop in the cable using cable clamps (two clamps per cable). Loop should be approx. 1- to 2-inch in diameter. Add spring clip. Attach counterweights, Item 12, to spring clip. Top cable clamp should be approx. 2” below the head. Make sure cable is on pulleys in top section. See cable travel layout detail.
 - e. After weights are installed, push panel all the way to top to insure panel ‘tracks’ evenly. Repeat with next panel. Note: Prior to replacing weight cover, test the sliding panel to make sure weight doesn’t hit at the bottom or top. Once test is complete, weight cover and access cover should be replaced. (If unit is motorized, be sure to connect wiring from jamb to head by connecting color coded wires. Colors must match.)
5. Place the tray on the angles mounted on the uprights. Drill through the holes on the ends of the tray and secure with the appropriate screws.

Note: There is approximately 2-1/2 lbs. of counterweight material at the top of each counterweight that is removable. At the time of shipment the unit is perfectly counter-balanced at the factory. After a period of time, if the unit should need to be re-balanced, this can be done by removing the necessary amount of counterweight material (removing the same amount from both right and left counterweights).



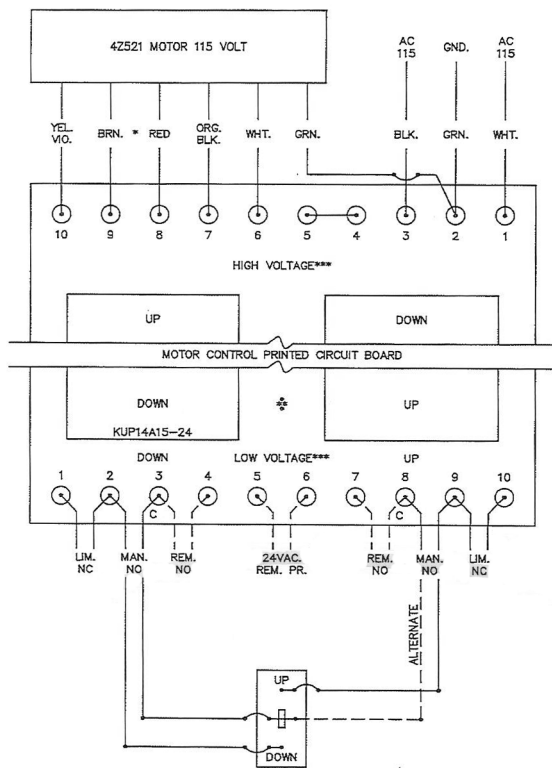
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Vertical Sliding Unit Cable Travel Layout



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Vertical Sliding Unit Motor Switch



NOTE

All electrical work should be performed by a licensed electrician for proper motor switch installation.

HIGH VOLTAGE TERMINALS (115 VAC LEVELS) MAY BE IDENTIFIED BY RED JUMPER WIRES ON THE PRINTED CIRCUIT BOARD & POWER RELAYS LOCATED APPROX. 1 1/4" FROM TERMINALS. USE CAUTION WHEN CONNECTING MOTOR AND 115 VAC TO HIGH VOLTAGE TERMINALS. INSURE THAT THE GROUND FROM THE AC SOURCE, PRINTED CIRCUIT BOARD (TERMINAL 2) & MOTOR FRAME ARE SECURE BEFORE OPERATING OR TESTING UNIT.

115 VAC POWER IS SUPPLIED TO PRINTED CIRCUIT BOARD & MOTOR TERM. 1 & 3. MOTOR POWER & DIRECTION IS SUPPLIED ON TERMINALS 6 & 10. TERMINALS 4 & 5 ARE TIED TOGETHER BUT NOT CONNECTED TO THE PRINTED CIRCUIT BOARD. DIRECTION OF MOTOR MAY BE REVERSED BY INTERCHANGING BROWN & RED MOTOR LEADS ON HIGH VOLTAGE TERMINALS 8 & 9. STAND BY POWER IS LESS THAN 10 WATTS. FULL LOAD POWER IS LESS THAN 150 WATTS. THE MOTOR IS RATED 1/15TH HORSEPOWER.

LOW VOLTAGE TERMINALS (24 VAC LEVEL) MAY BE IDENTIFIED BY YELLOW JUMPER WIRES ON THE PRINTED CIRCUIT BOARD & CONTROL RELAYS LOCATED APPROX. 1/2" FROM TERMINALS. ALL CONTROL VOLTAGES LOCATED ON THE LOW UP CONTROLS ARE TERMINALS 7 THRU 10. OPTIONAL WIRELESS REMOTE CONTROL MODULE CONNECTS TO TERMINALS 3 THRU 8.

UNIT SWITCHED ARE NC CONTACTS ON TERMINALS 1 & 2, 9 & 10 MANUAL UP & DOWN, SWITCHES ARE NO CONTACT ON TERMINALS 2 & 3, 8 & 9. CONTACT CURRENT IS LESS THAN 1 AMP AT 24 VAC. TERMINALS 3 & 5 ARE CONNECTED AND MAY BE USED AS COMMON TO MANUAL UP-DOWN SWITCH. OPTIONAL WIRELESS REMOVE CONTROLS UP-DOWN SWITCHES ARE NO CONTACT ON TERMINALS 3 & 4, 7 & 8 WITH POWER FROM TERMINALS 5 & 6.

ALL RELAYS ARE POTTER-BRUMFIELD #KVP14A15-24. THE MOTOR IS GRAINGER #42521 PERM SPLIT PHASE MOTOR WIRED FOR 115/120 VAC. 50-60 HZ.

WIRES TO UNIT SWITCHES ARE COLOR CODED AND MUST MATCH.



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