

INSTALLATION INSTRUCTIONS MODEL SBD-03 HORIZONTAL SLIDE COOLROOM AND FREEZER DOOR OPENER

1. Check door for smooth operation. Ensure door wheel axle nuts have been tightened to prevent door from dropping when automated.
2. Fitting "H" Bracket and release arm assembly (parts 23 & 24)
 - Bondor type or similar: Measure and mark centre of top fin.
 - Other type without top fin or head angle:
 1. Measure and mark centre of top capping
Rivet length of 80 x 50 x 6mm alum. angle. 700mm long to top capping (centred)
Ensure 80mm between wall and top of 6mm angle. (ANGLE & RIVETS NOT SUPPLIED)
3. Fit "H" Bracket and release arm assembly (23 & 24). Ensure "H" Bracket is in line with centre mark and both 3/8 bolts supplied are used and fully tightened. Release arm will be horizontal and pointing in the direction of door travel to open the door.
4. Check trolley (22) of Robot is in closed position (opposite end to motor drive unit).
5. Temporarily screw bottom base plate bracket (35) to Robot drive base plate.
6. Make two measurements for mounting bracket positioning onto wall.
 - 1st – from end of base plate bracket (35) to centre of trolley (22)
[release arm hook in point].
 - 2nd – from end of base plate bracket (35) to end of drive channel.
7. Ensure door is in closed position but with approx. 50mm gap between door and stopper.
This will allow for door overrun when door is motorised
8. Make sure release arm (23) which has already been fitted to top of door faces correct way. To the left for left hand slide and to the right for right hand slide. Transfer No.1 measurement to wall from hook in point on release arm back to where base plate bracket will sit. Transfer No.2 measurement to wall [for end "T" Bracket (40)]. (Mounting brackets will sit on top of the door track).
9. Remove base plate bracket (35) from Robot drive. Sit bracket on top of track. Release arm should be as horizontal as possible. Be sure there is at least 30mm clearance between top of "H" Bracket (24) and Base plate bracket (35). Position Base plate bracket (35) in situ, mark holes on the wall, drill and bolt bracket (35) to wall. Repeat with End "T" Bracket (40) (MOUNTING BOLTS NOT SUPPLIED)
10. Fit remaining bracket (34) securely to Robot Drive facing upwards. Also the centre support bracket if applicable. Lift opener onto the two brackets fixed to wall, after bolting the Robot drive to brackets drill the remaining hole for the top bracket (34) and bolt to wall. Do the same with centre support bracket if applicable. (MOUNTING BOLTS NOT SUPPLIED)
11. Fit control box to wall. Plug in wire harness to Robot drive. Connect push buttons and pull cord switches if applicable to junction box (end of drive channel) and test run. Set Reed switches (13) to give 15mm clearance on stoppers in both open and close directions. DO NOT RUN DOOR INTO STOPPERS. Door stoppers may need to be moved to achieve seal on door. Check Closing Force control of Robot drive. Upon closing load up the door to check reversing sensitivity. If sensitivity needs adjusting do this with the closing force control knob found on the outside of control box.
NOTE: Sensitivity control is only on closing cycle, opening cycle has full power.

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- RIGHT HAND SLIDE SHOWN.
- DOOR IN CLOSED POSITION TO INSTALL ROBOT.
- DOOR ARM IN CENTRE OF DOOR.
- RELEASE ARM AS HORIZONTAL AS POSSIBLE BUT ENSURE ROBOT IS MOUNTED HIGH ENOUGH SO AS "H" BRACKET (PT 24) DOES NOT CONTACT WITH TROLLEY (PT 22) WHEN DOOR IS MANUALLY OPENED.

