



Installation Instruction -

Changing Warmer Cabinet Glass Door to a Stainless Steel Door (for Single Chamber Cabinets)

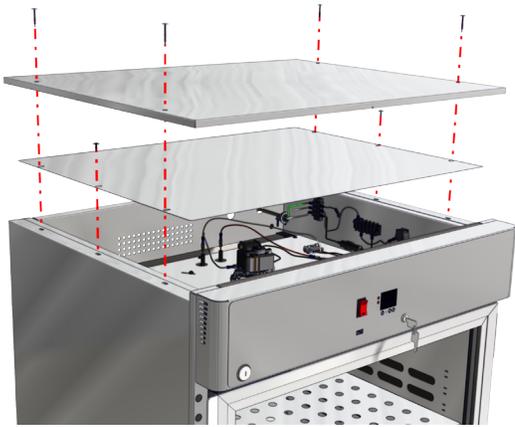


Fig. 1: Remove Top Cabinet Panels



Fig. 2: Remove 2 interior screws

1. Remove the outside top panel by unscrewing the 4 top panel screws and lifting the panel out. Remove the inside top panel by unscrewing the 2 screws and lift the panel out (Fig. 1).
2. Remove the 2 screws located inside the cabinet (one on each side) near the bottom. (Fig. 2 - Door removed for clarity in this illustration.)

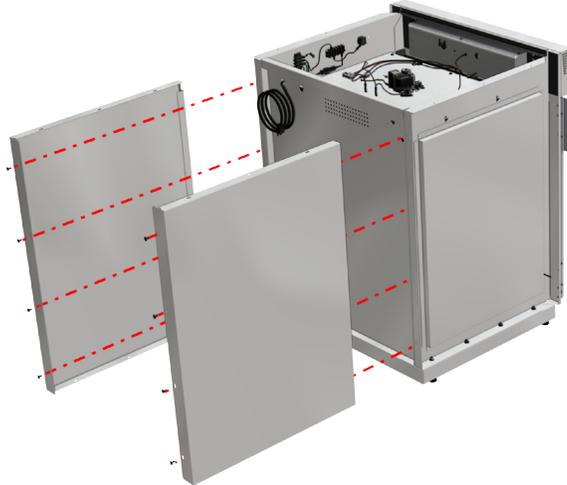


Fig. 3: Remove Side Panels

3. Remove the 8 screws at the back of the cabinet and slide out both side panels (Fig. 3).
4. Using a drift pin (or a small headed screwdriver) and a hammer, detach the glass door from the unit by tapping lightly on the hinge pins, driving them through the two halves of the hinges (Fig. 4). Then pull the door away from the unit to remove it.

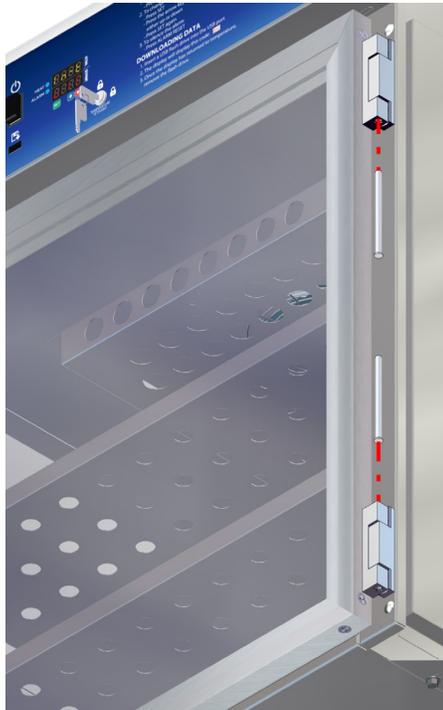


Fig. 4: Remove hinge pins



Fig. 5: Remove hinge male halves

5. Detach the male halves of the glass door hinge by unscrewing them from the unit (Fig. 5).



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Four magnet strips wrap around the interior of the unit that align with the magnets on the stainless steel door gasket. Since the position and polarity of these magnets will be different when the glass door is attached, the old magnets must be removed.

6. Remove the upper magnet strip located inside the bottom of the electrical component drawer on the top of the unit. To get better access to this strip, first loosen the 2 screws (shown in blue) from the conduit connector (Fig. 6).
7. Remove the 4 screws (Fig. 6 - shown in yellow) that fasten the box to the unit.

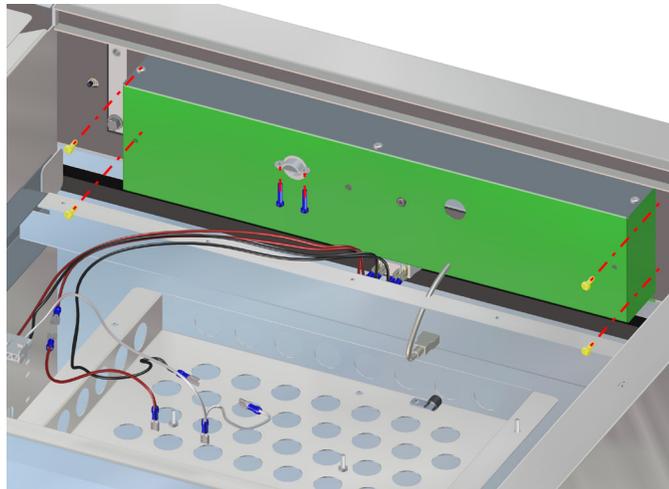


Fig. 6: Remove 6 screws

8. Then remove the box (Fig. 7 - shown in green) and set it aside for later re-attachment.

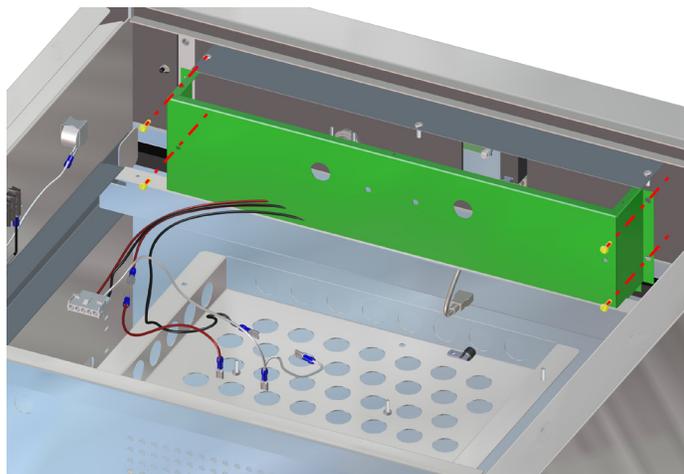


Fig. 7: Remove box



Magnets will align with the door gasket (shown here in black)



Fig. 8: Remove Magnet Strip Header Assy Drawer

9. Remove magnet strip located on the inside of the header assembly drawer (Fig. 8). Use a flathead screwdriver for this task. Be careful not to gouge the steel surface.



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10. Remove the insulation strips from both cabinet sides (Fig. 9).

11. Remove the magnet strips from both sides (Fig. 10). A hammer may also be applied to the screwdriver to tap away the old magnet strip (which may have some dry rot). Be careful not to gouge the steel surface.

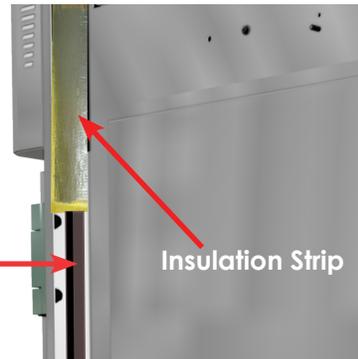


Fig. 9: Remove Insulation Strips



Fig. 10: Remove Magnetic Strips

Remove Insulation located all around inside edges of base

Magnet revealed after a section of side panel insulation strip is removed

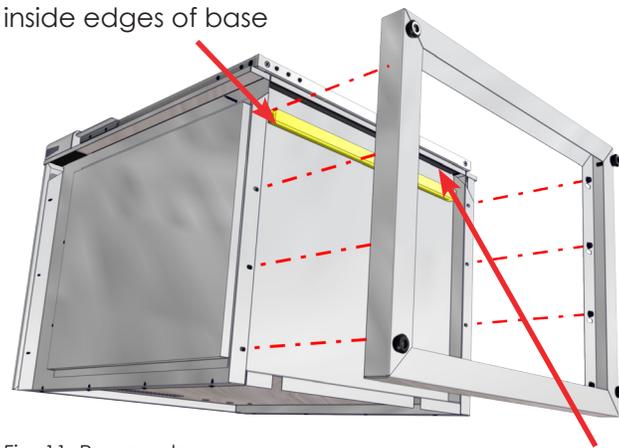


Fig. 11: Remove base

Magnet location on cabinet bottom

12. Lay the cabinet on its back. Remove the 8 bolts that fasten the base to the unit and remove the base and insulation.

13. Remove the magnet strip located on the bottom of the cabinet.

At this point, all 4 magnets strips should be removed.

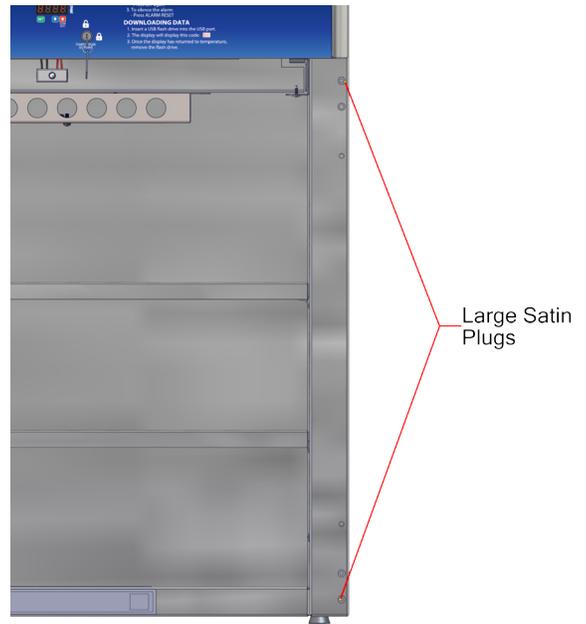


Fig. 13: Satin plug locations

Attaching the steel door

The steel door comes with its own set of hinges. Do not use the glass door hinges as these will not fit. Fig. 12 shows the parts of the stainless steel door hinge.

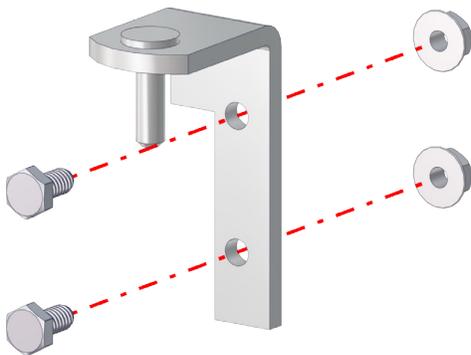


Fig. 12: Stainless steel door hinge parts

14. Use a flathead screwdriver to remove the 2 large Satin plugs on the unit. The top and bottom large holes are the locations for the screws used to fasten the steel door hinges to the unit (Fig. 13).



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15. Attach the hinges to the top and bottom of the unit using the hardware provided. Attach the bottom hinge first to the unit (Fig. 14).
16. Look at the socket located on both the top and bottom of the door (Fig. 15 - circled in red). The pins of the door hinges will insert into these. Fit the bottom socket of the door onto the bottom hinge pin. Support the door on its bottom hinge while you prepare to affix the door to the top hinge.
17. Insert the screws into the top hinge and then insert the hinge pin into the top socket of the door, aligning the hinge screws with the top hinge holes on the unit as shown in Fig. 16.

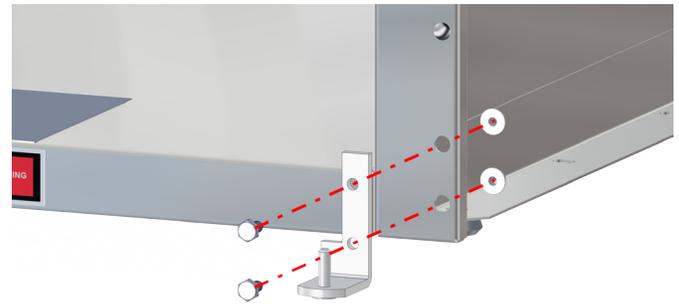


Fig. 14: Attach hinge - bottom

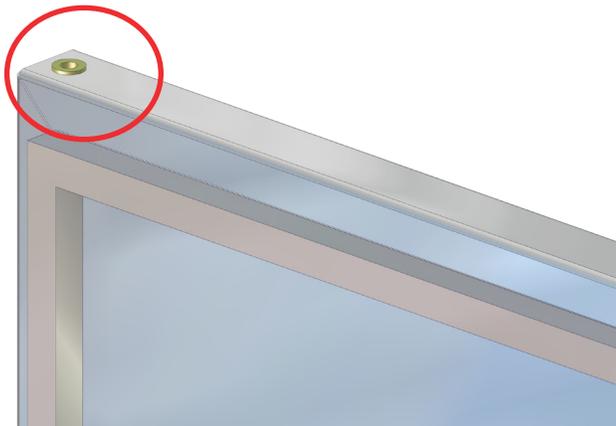


Fig. 15: Door sockets

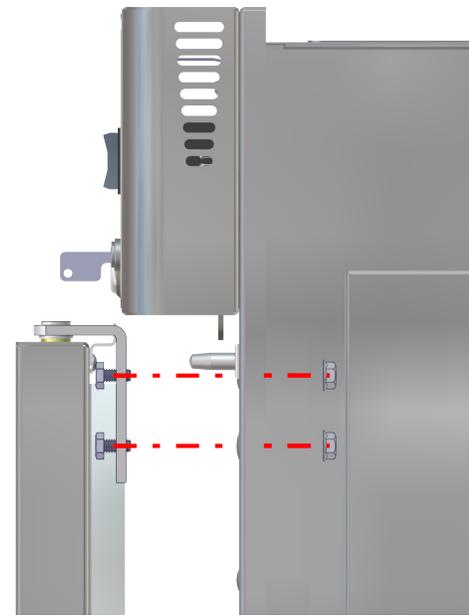


Fig. 16: Attach hinge - top

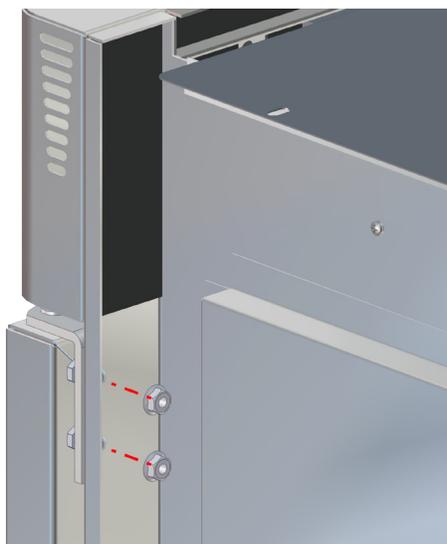


Fig. 17: Secure door with nuts

18. From the side of the unit, secure the door and top hinge with the nuts as shown in Fig. 17.



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19. Square the door by checking its alignment with the header (Fig. 18 shows a glass door, but the same applies for the steel door). Then tighten the hinge nuts.

Applying New Magnets

20. Using the door gasket as a measuring guide, measure and cut a magnet strip length to fit each side (allowing an extra 1-2" length than the gasket per side). Cut a total of 4 magnet strips.
21. With the glass door opened flat, place a new magnet strip onto the gasket of the door panel and align the polarity of the new magnet strip with the gasket door magnet.

NOTE: the Magnets should cover each other with no mismatch. A correct alignment match means that the north-south polarity of the new magnet strip and the door magnet strip are running in the same direction. Proper magnet polarity match is important so that the door will close with a tight seal to the unit.

If there is a polarity mismatch, the new magnet strip will lay off-center and not cover the door gasket magnet. To correct this, lift up and turn the new magnet strip END OVER END to change polarity. See Fig. 19 - Fig. 20 that demonstrate correct and incorrect polarity alignment.

22. Start applying the new magnet to the bottom side of the cabinet first (Fig. 21). After aligning the magnet strip to the bottom gasket side in the correct polarity, spray 393 glue on one side of the magnet strip.

23. Then transfer the magnet strip (in its correct polarity orientation) to the cabinet side in the original location of the old magnet strip.

Caution: Make sure the glued magnet side is placed to the cabinet surface.

The door gasket should seal onto the cabinet. If not, recheck the polarity of the magnets. The magnet could have accidentally been turned in the glueing process.

24. After the new magnet strip has been attached to the bottom of the cabinet, re-attach the bottom insulation.
25. Reattach the base to the unit and stand the unit up on its base.



Fig. 18: Square the door



Fig. 19: Correct Polarity Alignment



Fig. 20: Incorrect Polarity Alignment



Fig. 21: Transfer Magnet



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26. Use the same procedure above for attaching magnet strips to the sides of the unit.
27. After applying the side magnet strips, re-attach the insulation to the sides of the unit.
28. Attach a magnet strip to the inside of the electrical component drawer where the old magnet had been. Make sure the magnet strip is positioned under the door switch (see Fig. 22).

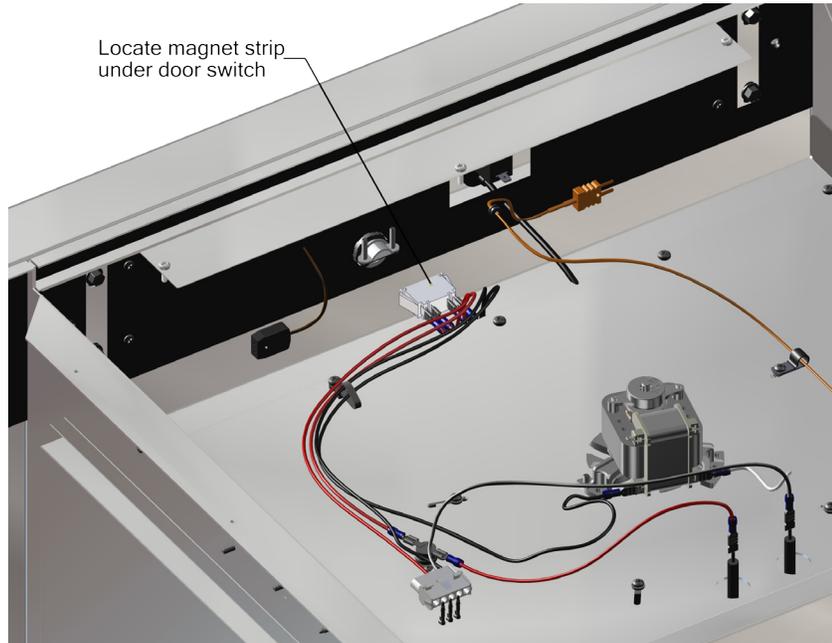


Fig. 22: Locate top magnet strip

29. Re-attach the electrical box with its 4 screws and re-attach the two screws to the conduit connector. (See Instruction 5-8. Make sure all excess wires are pushed back into the box and cannot come accidentally come in contact with the fan blades.
30. Re-attach both side cabinet panels.
31. Re-attach the inner and outer top cabinet plates.

Parts Used in the Magnet Attachment Process

W0142 (393 glue - headliner, trim, laminating adhesive), W0048 (Magnet Roll)

Replace Door Switch

Upon replacing the glass door with a stainless steel door, the final operation is to replace the door switch with a different switch so that the door will close properly. The correct door switch for stainless steel doors (W0012-01) applies to single chamber units.

The process for changing the door switches is an easy one. Full instructions for changing the door switches can be found in our IFU-099 "Replacing the Door Switch on Warming Cabinets" document on our website:

(<http://macmedical.com/wp-content/uploads/2017/01/IFU-099-Rev-A.pdf>)