

LEAD-LINED LABORATORY FURNITURE

INSTALLATION OPERATIONS & MAINTENANCE MANUAL

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LEAD-LINED LABORATORY FURNITURE



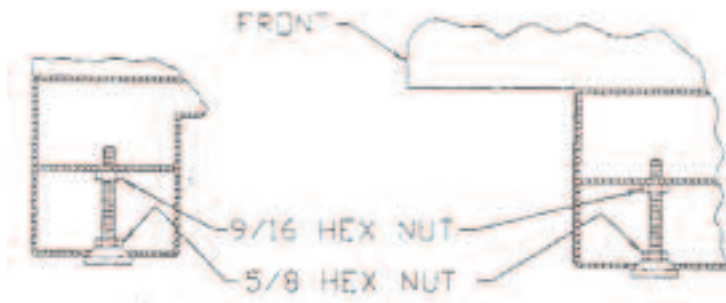
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I. PURPOSE

- A. It is the purpose of these Lead-Lined Cabinets to receive and store radiopharmaceuticals, radionuclides, an area for inventory, dispensing of radiopharmaceuticals and a system for decay of the radioactive waste from this process.
- B. In general, all materials shall be the best of their respective kinds for the purpose intended and methods used in construction shall conform to the best practices of the Scientific Laboratory Equipment Industry, including specialized materials and special forms of construction required for the purpose intended.

II. GENERAL INSTALLATION PROCEDURE

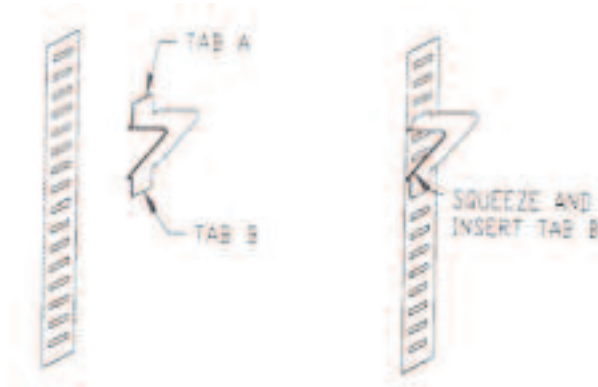
- A. Since each cabinet is lined with lead, they are extremely heavy. Channel openings are provided in the base of each cabinet for positioning.
- B. After units are in position, level cabinets as follows:
- C. All cabinets have front leveling pads inside outer edges of base channels. Cabinets can be raised by loosening 9/16" Hex Jam Nut on top of plate, then turning 5/8" Hex Nut of leveling pad clockwise. When proper adjustment has been achieved, lock 9/16" Hex Nut against plate.



- D. Once units are leveled, the stainless steel unified countertop assembly (optional) can be mounted over the cabinets. Individual units have the countertop mounted at the factory.
- E. After all units are in position, leveled and the countertop is in place, mount the stainless steel kick plate(s) to the base of the units. This kick plate is attached by removing the double back adhesive tape, center on the base touching the floor and press against the base covering the built-in channel openings.

F. Storage Cabinets have removable drawers. To remove, pull drawers out to stop, lift and at the same time, continue to pull to remove drawer. To re-install, engage drawer slides in cabinet tracks, lift over stop and slide in. Drawers can only be installed or removed with key slot in the vertical position. To lock drawers, turn key clockwise and remove (making certain all drawers are in the closed position before locking).

G. Shelf brackets are installed by inserting tab "A" in desired slot. Slightly squeeze clip tab "B" in slot provided in racks. To change shelf location, brackets can be removed by reverse procedure and relocated in new position. There are four brackets provided for each shelf.

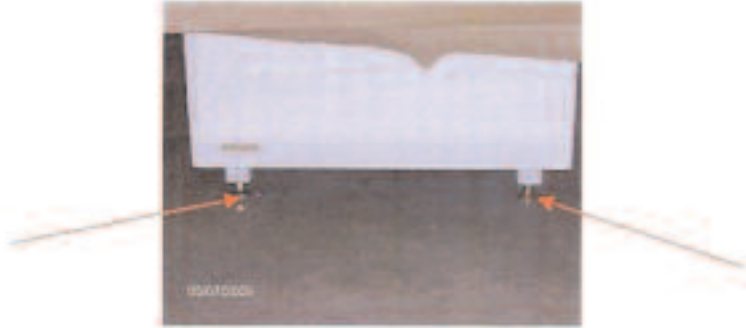


Once brackets have been installed in each cabinet, shelves can be installed. Locate 1/16" deep cutouts on sides at back of each shelf over rear brackets. Let front of shelf rest on front brackets.



III. LEAD-LINED CABINET INSTALLATION

Leveling Pads – (Two Pads P/N C12381) are mounted on the two front legs of the cabinet. Use the pads to level the cabinet front-to-back and side-to-side.



NOTE: All items in the following section are shipped uninstalled and are packed inside the cabinet.

Kick Panels – The (Two Side Panels P/N 244-160-W185) are left uninstalled so that a pallet jack can be used on the front, rear, or sides of the cabinet for positioning. To install, use four #10 screws per to attach to the legs of the cabinet.



244-160-W185



Rear attachment of Side Panel



Front attachment of Side Panel

If the cabinet is already positioned so that access to the side of the cabinet is no longer possible, attach a Kick Panel Mount (P/N 244-110-M333) to the front leg as shown below.



The stainless steel Front Kick Panel is attached to the pads on the fronts of the Side Kick Panels, or the Kick Panel Mounts with double-stick tape already applied to the inside of the Front Kick Panel.

IV. DOOR ADJUSTMENT

NOTE: *The shipping bracket mounted to the inside bottom of the door frame is for shipping only. Please discard after opening door. Doors may need to be lifted slightly to open with bracket in place.*

If doors require leveling adjustment once positioning and cabinet leveling is complete, the screws that attach the door to the hinge can be loosened slightly (just enough so that the door can be shifted), and then retightened.

Extra screws (10-32 x 1/2" Hex Head P/N C11833) are included.



V. MAINTENANCE

The Lead-Lined Laboratory Furniture is virtually maintenance free. By following the instructions listed below at the suggested time intervals, or as many times as it is necessary, your cabinets will remain in a “like new” condition.

- A. As required, clean all exterior painted surfaces with a mild detergent solution.
- B. In cleaning the stainless steel countertops, drawer and door pulls, use a cleaner such as “Nu-Steel” stainless steel cleaner or an equivalent.
- C. Apply a light coat of lubricant, such as WD-40, to the door hinges and drawer slide bearings on a regular monthly basis or as necessary.



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