



**SERIES 600 ELECTRIC  
CONTINUOUSLY HINGED (TRAIN) PARTITIONS**

**WARRANTY**

*Hufcor Partitions are guaranteed against defects in material and workmanship for a period of two years. Refer to your Hufcor Limited Warranty Certificate for additional details.*

The Hufcor Partitions for this installation have been custom made to the architect's and owner's specifications. Each partition has been carefully fabricated and installed to provide many years of trouble-free service.

The key to the life of the product is proper operation and care. The correct operation and recommended care are outlined in this Owners Manual for your guidance.

If any malfunction of these partitions occurs, please phone your local Hufcor Distributor for service. This must be done immediately since Hufcor cannot be responsible for damages which result from delays or failure to advise Hufcor or Hufcor's local Distributor.

**This partition was sold and installed by:**

**When calling either your Hufcor Distributor or Hufcor, please have the following information:**

**Job Name:**

**Hufcor Order #:**

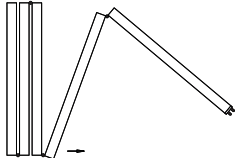
**Installation Date:**

**Description of the Problem:**

**Person to Contact:**

**IMPORTANT: Be certain to read through these operating instructions before moving your panels. An overall understanding of how to operate the partition will prevent accidental damage to the partition, and, more important, to people in the area. Make certain everyone who moves the panels has been trained in their proper operation. Your Hufcor Representative will be happy to provide training assistance if needed.**

A continuously hinged partition consists of panels hinged together and supported by one carrier on each panel. Most panels have retractable bottom seals. Optional models may have bottom sweep seals in lieu of retractable seals.



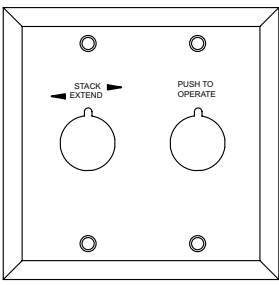
**CAUTION:**

1. **Your electric partition is a moving piece of machinery and requires appropriate care while it is being extended or retracted. NEVER ALLOW THE PARTITION TO BE ACTIVATED WITHOUT PROPER SUPERVISION.**
2. If the partition is stacked (or stored) in a pocket with pocket doors, make certain the pocket doors are opened as far as they can go before attempting to operate the partition. Hufcor pocket doors have limit switches that do not allow the partition to be activated unless the pocket doors are completely open.

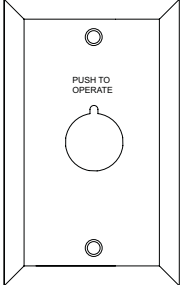
**General Information:**

1. Only personnel who have been trained in accordance with these operating instructions should be permitted to operate the partition.
2. As a safety feature, two people are required to activate the partition. There is a main switch (Fig. 1) and a second switch (Fig. 2) which is usually placed on the opposite wall. This system requires two people to maintain contact with the switch at all times during partition movement. While this procedure may seem inconvenient, it is meant to prevent harm to people or damage to any items that could be in the path of the partition.
3. Prior to extending electrically operated partitions, make certain there is an operating clearance of 4' [1219] on either side of the partition. Remember that the operator's vision may be obscured by the partition itself as it stacks and extends and that someone should stand on either side of the partition and watch to make sure that no-one crosses the path of the operating partition.
4. Caution people in the vicinity to maintain a safe clearance while the partition is in operation.
5. Report any malfunction to your local Hufcor Distributor at once.

**Fig. 1**



**Fig. 2**



**To Close Partitions** - (Move partition from the stacked to extended position.)

If the partition is stacked (or stored) in a pocket with pocket doors, make certain the pocket doors are opened as far as they can go before attempting to operate the partition. Hufcor pocket doors have limit switches that do not allow the partition to be activated unless the pocket doors are completely open.

1. Insert the key into the “extend/stack” receptacle and turn the key to extend (Fig. 1). Press the “Push to Operate” button to move partition. A second operator must simultaneously press the “Push to Operate” button on the second switch.
2. Be certain to watch the panels as they unfold to insure that there are no obstructions and that the path remains clear.
3. When the partition extends to its full length, continue to hold the button for approximately five seconds to allow the bottom seals to set. Failure to do this will result in the bottom seals not extending, the partition will not be flat in the opening, and sound will travel to the other side of the wall.

**Note:** If the partition fails to extend flat, turn the key the opposite direction and back the partition up approximately 6’ [1829]. Wait 5 seconds, then press the button again and follow Step 3 above. The wait to re-extend the partition is a safety feature to prevent damage to the motor.

4. When the seals have extended and the partition is flat, both people may stop pressing the buttons. The operator at the main switch may turn key switch off and remove the key. Removing key will prevent unauthorized and untrained people from operating the partition.
5. Close pocket doors, if you have them.

See page 4 if you have an optional pass door.

See page 4 if you have an optional Hufgard safety system.

**To Open Partition** - (Move partition from the extended to stacked position.)

1. If you have pocket doors enclosing the storage area, be certain to open them as far as they will go in order for the partition to activate.
2. If your partition has an optional pass door, make certain the pass door(s) is closed securely before activating the partition.
3. Check the storage area and within 4’ along the length of the partition to make certain there are no obstructions or people in the path of the partition.
4. Insert the key into the “extend/stack” receptacle and turn the key switch (fig. 1). Press the “Push to Operate” button to move partition. A second operator must simultaneously press the “Push to Operate” button on the second switch.
5. Be certain to watch the panels as they fold to insure there no obstructions and that the path remains clear.
6. Both operators may release the button when the partition is fully stacked in the storage area. The operator at the main switch can turn the key off and remove the key. Close pocket doors if you have them.

### Optional Pass Door Panel-Setup

**U-Shaped (single style), Fig. 4:** The pass door has bottom sweep seals. No separate setup or takedown procedure is needed.

Make certain the door is securely closed before retracting (storing) the partition.

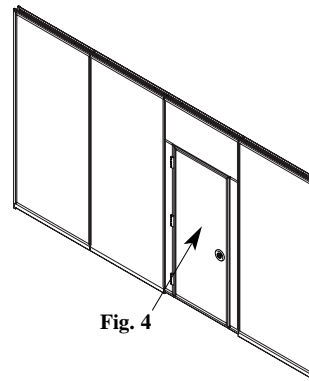
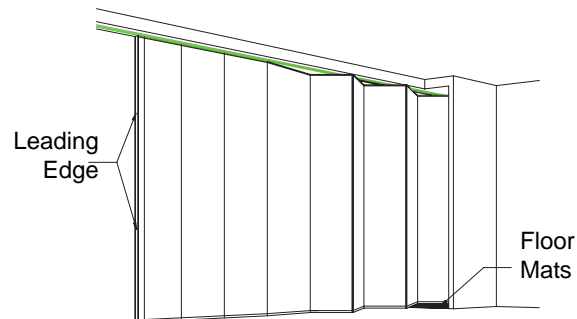


Fig. 4

### Optional Hufgard

Hufgard is an optional safety system which provides an extra measure of safety for your electric partition. It is built into the partition and consists of a retractable jamb on the lead end of the partition and floor mats which are located in the storage area.

The lead edge will stop the partition if it bumps into a person or item in its path when it is extending into the opening.



The floor mats will not permit the partition to retract if an object or person weighing 5 lbs. or more is on the mat.

Once the object has been removed, the partition may be re-started.

Do not store objects in the storage area on the safety mats or they could damage the wiring system.

## **IN THE EVENT OF POWER FAILURE**

If the partition fails to operate and power IS NOT available to the partition, it can still be operated manually by using the following methods:

### Single Motor (Extended)

1. Locate handle in the back of the stack.
2. Pull handle downward to release the partition and allow it to be moved.  
Note: handle must remain pulled otherwise the partition will re-engage and stop moving.
3. The lead panel carrier design allows it to be disengaged from the chain by loosening the two 1/2" [13] bolts and removing the plate that engages the carrier to the chain.

### Dual Motor Unit (Extended)

1. The lead motor in the stack has a square plate on the bottom. Insert a 3/8" [10] socket into this plate and turn clockwise as you are looking upward. This will pull the lead panel away from the lead wall and free the stack panel.
2. Follow Step 3 in "Single Motor Gym Wall"

## CARE AND MAINTENANCE

Visit our website for specific cleaning/maintenance instructions, [www.hufcor.com/Products/Care & Cleaning](http://www.hufcor.com/Products/Care & Cleaning).

### VINYL FABRIC SURFACE AND EXPOSED TRIM AND SEALS

The vinyl surface of your Hufcor partition may be cleaned with warm water and mild soap. Sponge the surface clean and wipe dry with a soft cloth. A soft brush may be used if dirt is difficult to remove. Carbon tetrachloride may be used for removal of grease and oil.

**CAUTION:** Do not use lacquer thinner or other strong chemicals except those listed above. Many floor cleaning materials contain chemicals harmful to vinyl. Care should be taken when using such compounds near the partition.

**CARPET/FABRIC SURFACE:** Commercial carpet cleaners may be used to clean carpeted surfaces. Follow the manufacturer's listed instructions.

**MARKER BOARDS:** Clean regularly with mild soap and water. To prevent soap buildup, rinse well with clean water.

**DAMAGE:** Your Hufcor partition is of a unique construction that permits replacement of individual parts. Report all damage promptly to your local Hufcor Distributor. Repairs may only be made by an authorized Hufcor representative who will only use genuine Hufcor parts.

## RECOMMENDED PREVENTIVE MAINTENANCE

As with all fine machinery, regular maintenance and adjustments are required to keep your Hufcor partitions performing properly for many years. Contact your local Hufcor representative to perform an annual inspection (six months if your partitions are used frequently). Regular care will keep your partitions in good working condition and prevent emergency service calls or costly repairs. An annual inspection includes:

1. Clean and lightly lubricate all track running surfaces.
2. Check trolleys for any signs of abnormal wear or breakage.
3. Check out-of-plumb panels (indicating loose trolley bolts).
4. Check any exposed bolts in panel vertical edges.
5. Check track alignment at all joints and intersections.
6. Check motor unit and chains - adjust as needed
7. Check and make sure all sound seals are functioning properly.
8. Operate pass door and adjust as needed.
9. Check for torn or damaged face material.
10. Check partition's stack and extend mode - adjust as needed.
11. Check optional Hufgard. Make certain lead edge and mats are working properly.

### Hufcor, Inc.

P.O. Box 591, 2101 Kennedy Rd., Janesville, WI 53547  
800/356-6968; Service & Installation Dept: 800/542-6870 or 608/756-1241; FAX: 608/756-1246  
E-Mail: [info@hufcor.com](mailto:info@hufcor.com) . Website: [www.hufcor.com](http://www.hufcor.com)