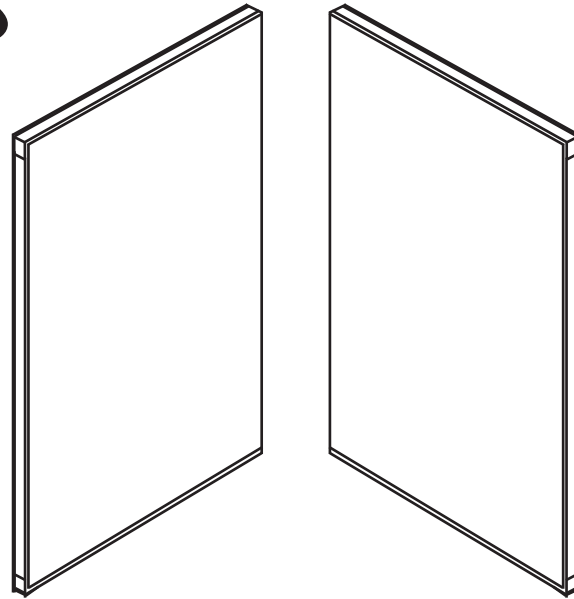


# OMNI DIRECTIONAL PARTITIONS / OWNERS MANUAL

## *Omni Panels*

*Series: 631*

*Series: 641*



The Hufcor Partitions for this installation have been custom made to the architects 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 & care.  
The correct operation & recommended care are outlined in  
this owners manual for your guidance.*

If a malfunction of these partition occur, please phone Custom Fold Doors, Inc. for service. This must be done immediately since the manufacturer cannot be responsible for damages which may result from delay failure to advise your distributor.

*This partition was sold and installed by:*



Custom Fold Doors, Inc  
1020 N. Hollywood Way #331, Burbank, CA 91505  
Phone: (323) 849-3225 / Fax: (818) 846-0744  
[www.customfold.net](http://www.customfold.net)

When calling your distributor, please have the following information:

Job Name & Location:  
Installation Date:  
Description of Problem:  
Person to Contact:

## General Information

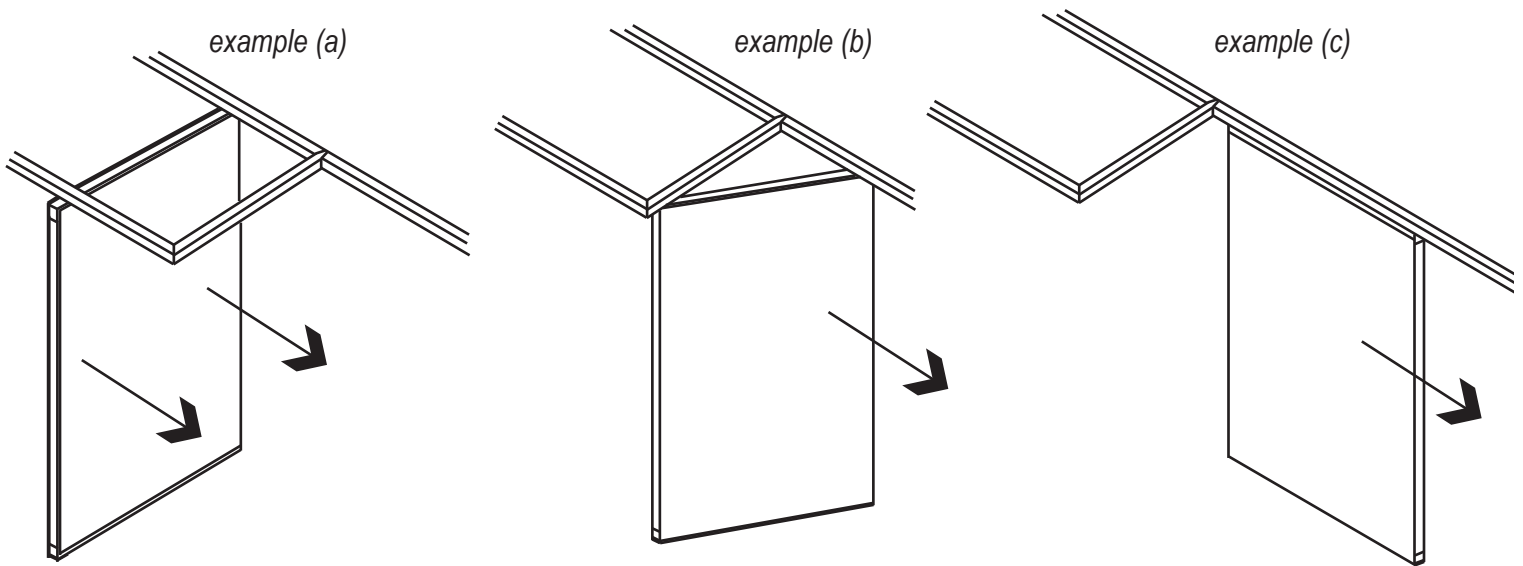
The Hufcor omni directional partition are made up of single panels with two omni directional carriers supporting each panel.

## Setting Up A Partition

Do all operations **SLOWLY**. Safe operation requires moving panels into place one at a time. Stand in the center of the panel face . Using both hands, grasp it by the edges as high as possible and gently pull it toward you. (exp. a) Carefully maneuver it out of the storage area. (exp. b & c) Move the panel down the run to the required position. Once in place, push it firmly against the adjacent panel to insure a tight joint

### NOTE:

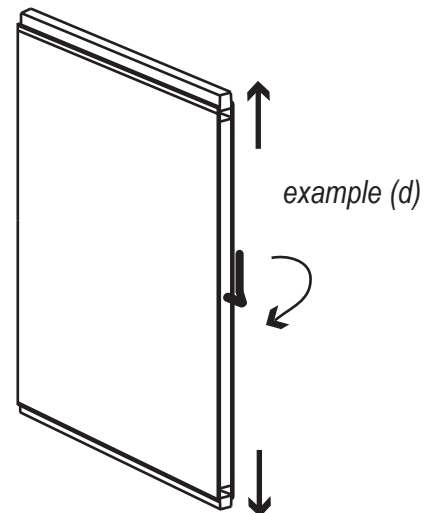
While moving the panels through intersections avoid stopping. The carriers may stop in an intersection and appear stuck. If this happens, push panel back in the direction it came from. Try the step again and avoid stopping while in an intersection



## Setting The Seals

(Some models may have sweep seals in place of mechanical seals)

- Models 5600, 6600 & 6653:
- Place handle over the protruding rod in the edge of the panel.
- While maintaining pressure against the edge, turn the handle approximately 190 degrees.



## Optional Pass Door Panel

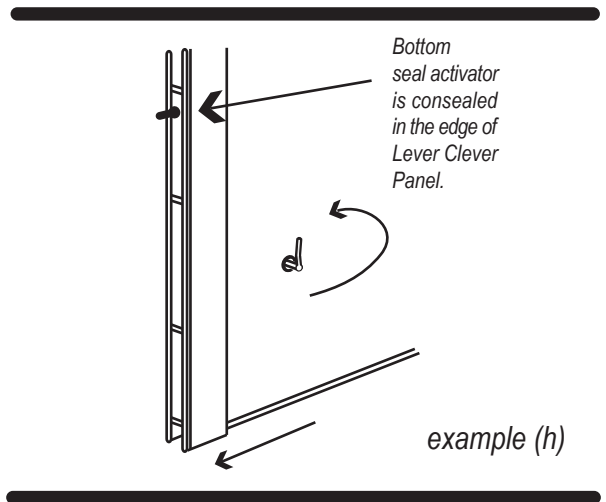
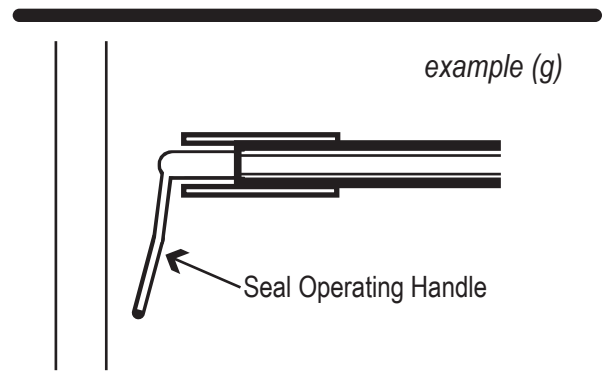
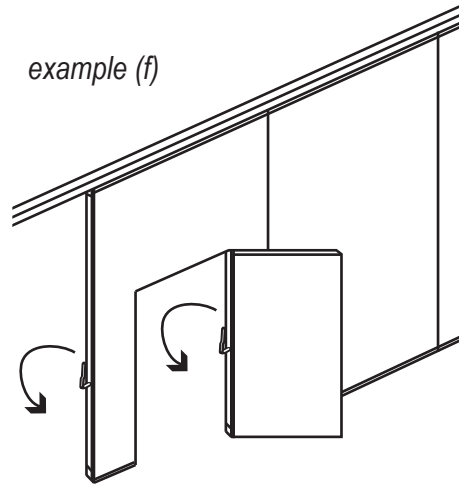
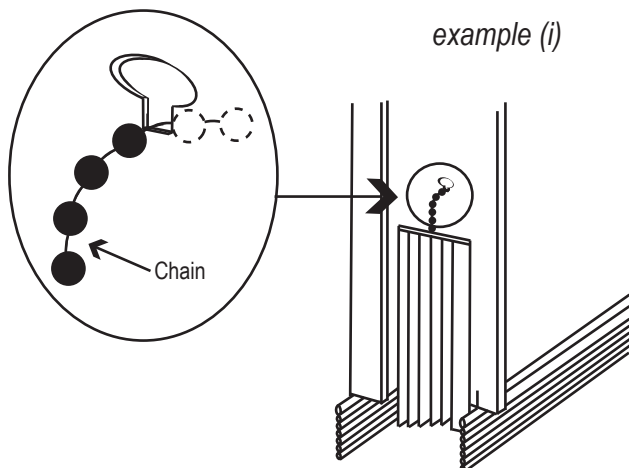
A Pass door panel has two seals. One seal is accessed in the same place as the basic panel...set this seal **FIRST**. The other seal is accessed by opening the pass door...set this seal **SECOND**. (exp f). If the pass door has a mechanical seal, lower it until the limit chain is fully extended (exp. i).

### NOTE:

It is important to maintain pressure against the partition's vertical edge while setting the seals. This allows for the best possible acoustic seal and alignment. If you notice that a partition is not hanging plumb, stop and go back and reset the panel. If you fail to do this and have an intersecting partition that seals against that partition, they will not make full contact and provide a poor acoustical seal.

## Expander (Lever Closure) Panel

1. The lever closure panel is the last panel to be set in place.
  - Set the floor seals as described previously. (exp. g) The actuating rod is located in the same place as the other panels, but may be hidden from view by the expanding post.
2. Next, insert the operating handle onto the actuating rod located on the panel face. Turn the operating handle and the closure will move to seal off the gap between the partition and the wall. (exp. h) As it makes contact with the wall, it will become more difficult to move. Apply sufficient pressure to make the vinyl bulb seal compress and seal off the entire gap.



## Stacking the Partitions

If there is a pass door, open the door and release the seals by rotating the operating handle in the opposite direction used to set the seals. Securely close the pass door before retracting the seals on any other partition. Start with the lever closure panel and begin retracting the seals. **Make sure to rotate the operating handle completely.** Retract seals, panel by panel and carefully move them into the stack area.

**NOTE:** Floor pins will be present when two partitions form a "T". They must also be retracted before panel movement.

## CARE & MAINTENANCE

### Vinyl / Fabric Surfaces and Plastic Trim:

The vinyl surface of your 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, solvents 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.

### Tek-Wall:

Virtually all stains can be removed from Tek-Wall. It can be cleaned conventionally, depending on the degree of soiling. Stains which are indelible on vinyl can be removed from Tek-Wall by using undiluted chlorine bleach. For further cleaning procedures please contact Custom Fold Doors, Inc.

### Using Tacks or Staples

The tack sub-surface and vinyl coated fabrics are "self-healing" under normal tacking, pinning and office stapler conditions. No special care is required.

### Carpet Surfaces:

Commercial carpet cleaners may be used to clean carpeted surfaces. Follow the manufacturer's listed instruction.

### Porcelain Steel Chalkboard:

Dust regularly with any non-abrasive dusting equipment. Should the surface be defaced, matching touch-up enamel can be obtained through Custom Fold Doors, Inc.

### Aluminum Hardware or Painted Steel:

The aluminum hardware on your Hufcor partition is anodized for freedom from discoloration and a long life. Mild soap and water is recommended for cleaning both aluminum and steel hardware.

### Damage:

Your Hufcor partition is of a unique construction that permits replacement of individual parts. Report all damage to Custom Fold Doors, Inc.

### Electric Operator:

Be sure motors are kept free of dirt, water and corrosive agents. Partitions should operate at a constant speed. If the partition develops irregular speed or operates in a "hesitating manner, the drive chain may need tightening or the torque tamer need adjustment. Report this condition promptly to Custom Fold Doors, Inc.

## TROUBLE SHOOTING CHECKLIST & RECOMMENDATIONS

### Manual Panels

| <i>PROBLEM</i>  | <i>POSSIBLE CAUSE</i>   | <i>PROBABLE SOLUTION</i>  |
|---|---|---|
| Panels Hanging out of plumb.                            | <ol style="list-style-type: none"> <li>1. Loose or broken trolleys.</li> <li>2. Broken Trolley Support Beam.</li> </ol>   | <ol style="list-style-type: none"> <li>1. Tighten loose carries to return panel to plumb.</li> <li>2. Replace any broken carriers or support beam.</li> </ol> |
| Panels sticking or hard to move.                        | <ol style="list-style-type: none"> <li>1. Dirt in the track.</li> <li>2. Misaligned track joints.</li> <li>3. Broken Trolley.</li> </ol>  | <ol style="list-style-type: none"> <li>1. Clean track.</li> <li>2. Align joints.</li> <li>3. Replace trolley.</li> </ol>                                      |
| Abnormal noise during movement.                         | <ol style="list-style-type: none"> <li>1. Broken trolley</li> <li>2. Misaligned track joints</li> </ol>   | <ol style="list-style-type: none"> <li>1. Replace trolley</li> <li>2. Align joints</li> </ol>   |
| Bottom seal inoperative                                 | <ol style="list-style-type: none"> <li>1. Automatic type: check for bent seal carriers or broken springs.</li> <li>2. Crank type: Cranking mechanism stripped / broken link to mechanism</li> </ol> | <ol style="list-style-type: none"> <li>1. Straighten or replace seal.</li> <li>2. Replace</li> </ol>  |
| Broken or worn trolleys                                 | <ol style="list-style-type: none"> <li>1. Bad track joints.</li> <li>2. Abusive handling at "T" or "L" intersections.</li> </ol>  | <ol style="list-style-type: none"> <li>1. Realign track joints &amp; replace trolleys.</li> <li>2. Replace trolleys and retrain personnel.</li> </ol>         |
| Lever closure jamb not extending or operates difficult. | <ol style="list-style-type: none"> <li>1. Internal mechanism stripped.</li> <li>2. Limit cables or chains tangled.</li> <li>3. Tension bolts too tight.</li> </ol>                                  | <ol style="list-style-type: none"> <li>1. Replace mechanism.</li> <li>2. Adjust limit chains.</li> <li>3. Adjust tension bolts on mechanism.</li> </ol>       |
| Pass doors not latching                                 | <ol style="list-style-type: none"> <li>1. Strike plate out of adjustment.</li> <li>2. Stabilizer mechanism or football not set.</li> </ol>  | <ol style="list-style-type: none"> <li>1. Readjust strike plate.</li> <li>2. Set drop seal to stabilize panel.</li> </ol>                                     |

*Preserve the life of your product with*

**ANNUAL**

**RECOMMENDED MAINTENANCE**

*Recommended to be performed  
by Custom Fold Doors*

- (1) *□ Clean & lightly lubricate all track running surfaces*
- (2) *□ Check trolleys for any signs of abnormal wear or breakage. Replace as needed.*
- (3) *□ Check panels "out of plumb" (indicating loose trolley bolts). Correct by adjusting to plumb and tightening trolley nuts.*
- (4) *□ Check any exposed bolts on panel's vertical edges and tighten if required.*
- (5) *□ Check for track misalignment at all joints & intersections and adjust if needed.*
- (6) *□ Check lever closure and adjust as needed.*
- (7) *□ Check and make sure all top & bottom seals are functioning properly.*
- (8) *□ Operate pass door and adjust as needed.*
- (9) *□ Check for torn vinyl / fabric and repair or replace as needed.*

***REMEMBER...Never force the operations of panels!***