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# Maintenance and Operation Guide

Continuously-hinged  
Electrically-operated Panels Partition

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SIGNATURE 800



Model 843-E

**IMPORTANT:** Read this manual carefully. It contains information pertaining to your safety and the safety of others. In order to safely operate this partition you must become familiar with all components, their function as well as train others who may be involved in its operation.

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## Safety Precautions



IN ORDER TO PREVENT DAMAGE OR OTHER PROBLEMS YOU MUST:

- Moderco wall systems are engineered & manufactured to operate easily & with a minimum of force.
- It is dangerous for children, or any unqualified person, to operate electric walls.
- All hands, fingers & other objects should be kept clear of all panel-meeting edges.
- Clear the path beneath the ceiling track through which panels will move.
- All panel pass doors must be closed & secured when panels are operated
- Moderco Inc. is not and will not be liable for any bodily, material or other damages suffered in case of negligent or careless use of its products.

This set of instructions deals with routine but necessary operational techniques as well as day-to-day care & maintenance instructions for your Moderco Operable Wall Systems. It is highly recommended that you follow all suggestions noted in order to ensure many years of trouble free operation.



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# Maintenance

AFTER INSTALLATION THIS FOLDING PARTITION REQUIRES MAINTENANCE ONCE A YEAR OR AS REQUIRED.

## WARNING

Moderco wall systems are engineered & manufactured to operate easily & with a minimum of force. Designate & train specific individuals in their movement, set-up & care emphasizing responsibility & care.

## WARNING

It is dangerous for children, or any unqualified person, to operate moveable walls.

1. **DRIVE MECHANISM**  
This is located above the track at the stacking end of the partition.
2. **SPEED REDUCER**  
This reducer contains the proper amount of mobile 600 w cylinder oil when it left the factory.  
It should be checked annually. If low, add some oil as above or equal.
3. **CAUTION**  
Never completely fill the reducer with oil. It will cause oil leakage and overheating which result in rapid wear of oil seals, bearings and gears. The oil should be on a level with the oil level plug never any higher.
4. **DRIVE CHAIN**  
The chain must be uniformly greased, without extras (that could drip or stain) to enable a smooth operation. A lack of lubrication could cause a noisy and/or damageable wear.  
The chain should be tight enough to avoid a hanging curve outside the track but not excessive. Tighten the adjusting nuts at the end of the tensioner spring. A chain not properly adjusted can cause damages to the drive system.
5. Should some roughness develop in the supporting track when moving the panels, wipe off the inside of the bottom lips of the track with a rag. When clean, apply small quantity of light grease to the track lips at intervals across the full opening and stacking area.  
Relocate the panels across the opening so as to evenly distribute the grease along the entire length of the track.
6. If it is necessary to clean the panel surfaces, use warm water and soap, with a soft scrubbing brush.  
Avoid chemical cleaners or strong detergents.
7. Should replacement parts be required, or for other information, contact your nearest Moderco distributor. Refer to our web site [www.moderco.com](http://www.moderco.com)
8. This system is designed to be fully extended and/or fully retracted. Partial operation of the partitions (stopping and reversing operation in the middle of the opening) is prohibited as it can damage either the track, the trolleys, the hinges and even in some cases the panels.



# Operation: Panels stacked against the wall (no pocket)

## WARNING

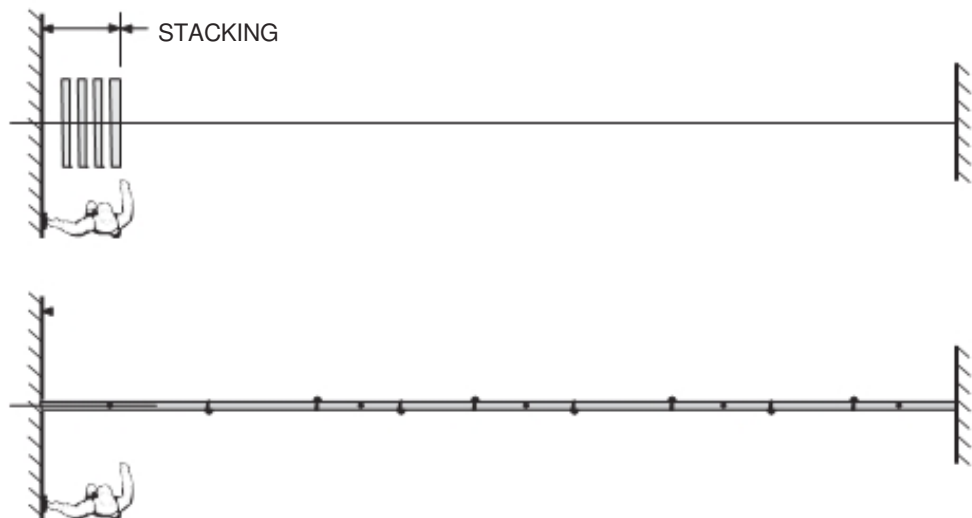
All hands, fingers & other objects should be kept clear of all panel-meeting edges.

## TO EXTEND OPERABLE PARTITION ACROSS ROOM

- Check path that partition is to take to make sure there are no obstructions in its way.
- Insert keys into spring loaded key switches and turn to EXTEND position, maintaining pressure against spring loaded safety mechanism at all time.
- Operable partition will extend across room and automatically stop at bumper wall.
- Remove keys and place in safe location to prevent unauthorized use of wall.

## TO STACK OPERABLE PARTITION

- Check both sides of operable partition to ensure that there are no obstructions either side of wall.
- Insert keys into spring loaded key switches and turn to STACK position, maintaining pressure against spring loaded safety mechanism at all time.
- Operable partition will stack against wall and will automatically stop.
- Remove keys and place in safe location to prevent unauthorized use of wall.



# Operation: Panels stacked in a pocket

## WARNING

All panel pass doors must be closed & secured when panels are relocated

## TO EXTEND OPERABLE PARTITION ACROSS ROOM

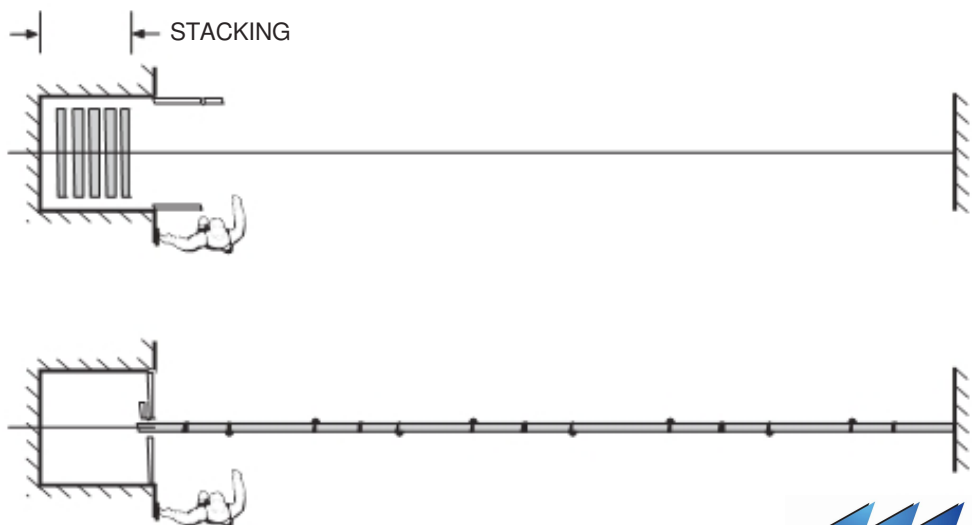
- Unlock and open fully the pocket doors and hold in place with door holders.
- Check path that partition is to take to make sure there are no obstructions in its way.
- Insert keys into spring loaded key switches and turn to EXTEND position, maintaining pressure against spring loaded safety mechanism at all time.
- Operable partition will extend across room and automatically stop at bumper wall.
- Remove keys and place in safe location to prevent unauthorized use of wall.
- Release door holders on pocket doors, close and lock in place.

## TO STACK OPERABLE PARTITION

- Unlock and open fully the pocket doors and hold in place with door holders.
- Check both sides of operable partition to ensure that there are no obstructions either side of wall.
- Insert keys into spring loaded key switches and turn to STACK position, maintaining pressure against spring loaded safety mechanism at all time.
- Operable partition will stack against wall and will automatically stop.
- Remove keys and place in safe location to prevent unauthorized use of wall.
- Release door holders on pocket doors, close and lock in place.

## WARNING

The area immediately beneath the track should remain free of objects when panels are being relocated.



# Limited Warranty

## SIGNATURE 800

We, the undersigned Moderco Inc., do hereby warrant our product:

The folding partition is guaranteed against warping, buckling, crackling, and delaminating for a period of TWO (2) YEARS and the drive unit and mechanical parts including track and trolleys for a period of FIVE (5) YEARS from the date of signature of the certificate relative to the final acceptance of work.

### THIS LIMITED WARRANTY IS SUBJECT TO THE FOLLOWING:

- The owner is to advise Moderco or its authorized representative in writing of any defect in material or workmanship; this applies provided that the product has been used to serve its intended purpose and provided that said defect is not the result of an abusive use.
- This limited warranty will be void if our product has been modified in any way, shape or form since original installation.
- This limited warranty does not hold Moderco or its authorized representative responsible for any damage that should occur to the said property or its content.
- Any obligation or liability not specified thereon shall not be considered our responsibility.



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