

Signature
8000



OPERABLE PARTITIONS



SIGNATURE



WHO WE ARE

Moderco is an international manufacturer of Manual & Electric Operable Partitions, Accordion Doors, Glass Wall Systems, and Gymnasium Dividers. Represented by a worldwide network of locally owned, fully trained installing distributors, Moderco is able to assist you in fulfilling your Space Division requirements.

Moderco products are installed throughout the world in hospitality meeting rooms, convention centers, educational & religious buildings and corporate facilities. In addition we are able to repair, refurbish or replace existing systems regardless of the manufacturer. We have an in place proven history of success in satisfying acoustic, aesthetic and operational demands whether conventional or unusual.



BUILT TO LAST

Durability is the basis of the Signature design. All Signature Panels are built with a strong steel reinforced aluminum alloy frame that provides strength and stability as well as protection to the panel finish while panels are in motion. The unique combination of our frame and various available substrates ensures a panel that will last for years in your application. All Moderco panels carry a 2 year parts and labor limited warranty with our suspension systems carrying a 5 year limited warranty.



CHART OF MODELS

MODEL	CONFIGURATION	STC	MAX. HEIGHT	AV. WEIGHT LBS. / SQ. FT.	COMMENT
Signature 8500	Paired	43/ 47/ 49/ 52/ 53/ 55	22'-3" (6,78m)	6 to 10	
Signature 8600	Individual	43/ 47/ 49/ 52/ 53/ 55	20'-3" (6,15m)	6 to 10	Right Angle
Signature 8800	Individual	43/ 47/ 49/ 52/ 53/ 55	33'-3" (10,13m)	6 to 10	Pre-programmed Switches



LIMITLESS FINISH POSSIBILITIES

Traditional vinyl, fabric, and acoustical wallcoverings are available in a variety of colors and textures. The Signature offers far more including: Plastic Laminates, Wood veneers, & Specialty steels (to name a few). Our Installing Distributors will work with you on applied millwork moldings, inset trims and other custom design finishes.



SUSPENSION SYSTEMS

Signature 8000 Operable Partitions utilize four different Aluminum track systems: the # 45 and # 55 for paired panels and the # 33 and # 55 for single panel applications. Aluminum tracks offer superior benefits including: yield strength stronger than steel, easy installation, and quiet smooth operation. It is aesthetically pleasing with a standard clear anodized finish or optional powder coating but, most importantly, it will not rust or require frequent lubrication to keep it operational. Paired panel (#45 & 55) carriers are designed with multiple pivot points to ensure that all four wheels remain in contact with the rolling surface for better operation and less stress. Single panels utilize counter rotating carriers (#33) to permit navigation through right-angle intersections and ease of panel movement or self-indexing four-wheeled carriers (#55) with switches and curves.



#33 TRACK & TROLLEY

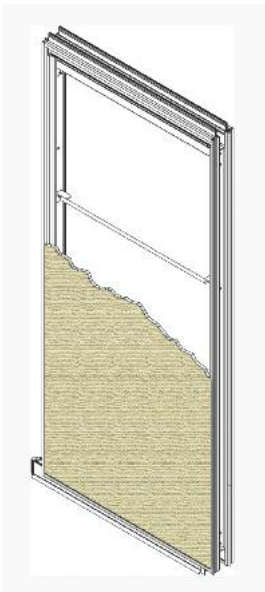


#45 TRACK & TROLLEY



#55 TRACK & TROLLEY

THE PANEL



All Signature panels start with a heavy duty extruded aluminum frame. The frame, extruded to very close tolerances, is designed to be extremely rigid, resisting racking and twisting. The aluminum frame is then reinforced with heavy duty tubular steel as required by height and weight. The design of the frame allows for skins of various materials which can be replaced or changed in the field. The core of the panel is filled with insulation to achieve the desired Sound Transmission Class (STC). The result of this special design is a flat, rigid panel, which will provide years of quality performance.

THE SEALS



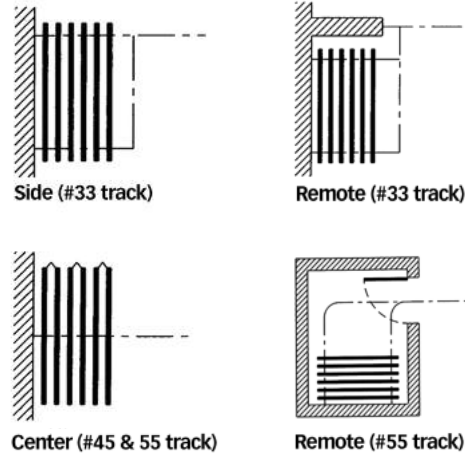
Moderco's Standard Bottom (Floor) Seals are set automatically as the panels are placed into position. Automatic Seals do not require a removable handle to set or release the seal and can be used only when fully extending the Partition.

Optional Crank Seals are set individually by a removable seal lever inserted in the panel edge and rotated less than 180 degrees. This type

of seal does not require the operator to stop and align each seal before setting the panel in place nor does it rely on friction with the floor to release the seal. Crank seals can be activated at any point in the opening allowing partial or full extension of the partition.

In addition to the bottom seal, the Signature panel is standard with a fixed top sweep. When crank seals are selected for the bottom a simultaneously operated top seal can also be provided. This type of seal is recommended when flush mounting the track soffit or a recessed T-bar ceiling tile is used to avoid fixed sweeps touching the ceiling during panel movement.

Vertical edges are provided with a deep interlocking male and female astragal resulting in positive alignment of the panels and ensuring the acoustical integrity of the panel joints.



SINGLE PANELS (8600, 8800)

Single panel configurations allow the greatest flexibility in layouts. The panels can be used in openings of unlimited width and in multiple locations should the layout require flexibility. Each panel utilizes two carriers and can be moved easily through right angle turns or, on very tall partitions, through curves and pre-programmed switches. Single panels can be stored away out of sight from the main track or adjacent to the opening for which they are intended.

PAIRED PANELS (8500)

Paired Panels are designed for straight line openings, stacking at one or both ends; they offer a quick, easy and practical set up. Paired Panels are two panels hinged together with a single carrier centered in each panel. Panels are therefore moved quickly across the opening in groups of two. The seals in both panels are set simultaneously further facilitating a quick set-up.



STORAGE POCKET DOORS

If the operable partition needs to be stored out of sight in a door closet or "Pocket" Moderco can supply a matching Pocket Door. The doors are generally used when the Operable Partition is sealing to the face of the Pocket Door. The units are of the same construction and Acoustical rating as the Operable Partition. Doors are available in single, double and bi-fold configurations which can be finished to match the Operable Partition or supplied uncovered for field finishing matching the adjacent fixed walls.



PASS DOORS



Pass Doors may be incorporated in selected panels to provide egress, fire safety, service entrance or general access to an area. Signature Pass Doors all have mechanical retractable bottom seals, no sweeps dragging on the floor, and are constructed to match the panel. This design maintains the acoustical and aesthetic integrity of the Partition.

Doors are sized and provided with hardware to meet ADA requirements. Optional exit signs, closers and panic hardware are available when required.



WORK SURFACES

Choose from dry marker boards, chalkboards, tack boards and tackable surfaces. Moderco offers them all recessed with optional custom trim and recessed trays. All work surfaces are recessed into the panel for additional protection. Tack boards are a full 1/4" thick in either Natural Cork or Linoleum. Full height tackable gypsum or optional 1/8" & 1/4" Natural cork are other options.

OTHER OPTIONS AVAILABLE:

- Manual crank Seals
- No Vertical Face Trim
- Custom Colored Trim
- Window Cut Outs
- 1 Hour Fire Rating
- Extended Travel Bottom Seals

700 SERIES

Moderco's 700 Series Operable Partitions offers a technologically advanced, aesthetically pleasing design. It offers welded steel frames coupled with welded skin options. This construction provides a durable, unitized panel that will last for years of rugged use.

The basic panel construction is combined with wraparound finishes for a trimless, monolithic appearance. Deep interlocking vertical astragals at all panel joints align panels ensuring a smooth wall face while providing an acoustic seal.

Automatically setting and retracting bottom seals provide 2 inches (50mm) of operating clearance to accommodate for floor variation and or deflection.

CRYSTAL

The Crystal Operable Partition offers all the advantages of the Signature 8600 Product in a unique double glazed full height window. Crystal panels can be used in conjunction with standard solid Signature panels or as a complete Operable partition system. Offering superior acoustics with vertical interlocks and mechanical top and bottom seals they offer many opportunities to the designer including internal blinds and multiple types of glazing. All the advantages of an Operable Partition with the beauty of a glass wall, Crystal single panel units are the answer to your need for a truly flexible Glazed Unit.

FEATURES

- Retractable Bottom Seals
- Double Glazing with 3" Air Space
- Interlocking Astragals
- Optional Colors on Frame
- Individual Panels
- Laboratory Tested STC of 44



ELECTRICALLY OPERATED PARTITIONS

Moderco offers several electrically driven models. The Gymdoor 801 is the best way to divide gymnasiums and auditoriums where manual operation is not practical. Also available are two Signature 8000 and one 700 Series models ideally suited for conference and meeting rooms.



ACCORDION FOLDING PARTITIONS

Moderco's Unifold Accordion Door is beautiful and durable with acoustic performance from low to moderate acoustics (STC from 31 to 44). Non-acoustic doors are also available. Accordion doors offer an economical solution to areas where a flat panel operable partition is not practical.



GYMNASIUM CURTAINS

The Gymfold offers gym curtains in both a single and a unique double wall construction which are electrically hoisted to the ceiling. Also offered are economical manually operated, horizontally drawn curtains.



For additional information:
www.moderco.com
info@moderco.com

Moderco Inc.
115 de Lauzon,
Boucherville,
(Québec) J4B1E7

Phone: 1-800-363-3150
Fax: 1-800-231-4965

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