ACCORDION
FOLDING PARTITIONS
Before choosing an accordion door, compare the added value available from Hufcor:

1. **Wrinkle-free, impact resistant laminated covers** provide a smooth symmetrical appearance – not the drapery look provided by other manufacturers. If you decide to change your décor, or, if damage should occur, Hufcor can replace the cover or portions of a cover, rather than replace the entire door. Concealed inside each door is a factory registration slip with all the information needed to properly match your new cover with the original.

2. A **selection of heavy duty aluminum track systems** is available to accommodate various ceiling conditions and provide sufficient support for each door.

3. **Steel ball bearing trolley with nylon tires** supports the door every 18”-21” and provides smooth, quiet operation.

4. **Adjustable lead carrier** allows proper alignment of the partition’s leading edge for effective latching at all times and enables the door to adjust to out-of-plumb conditions.

5. **The precision-engineered steel internal pantograph** provides years of smooth, easy folding action and allows the door to easily maneuver curves and switches.
**Construction**
Hufcor's accordion doors consist of two laminated covers assembled to steel pantographs supported by aluminum covered steel channel posts at each end. Covers are of a semi-rigid laminated construction for wrinkle-free impact resistance.

**Non-Acoustical Models 1500 & 2000:** Covers have fiberboard strips and backing laminated within each fold. Model 2000 has sweeptips top and bottom of one side.

**Acoustical Models 3100, 3500, 3900, 4100 & 4500:** Similar to the Model 1500, but with the addition of multi-ply sweeptips top and bottom both sides and the lead post has the Magnaseal® magnetic contact latch. Steel strips are laminated within each fold for models 3500, 3900, 4100 and 4500. The higher the sound rating, the heavier the gauge of steel used.

**Suspension System**
Accordion doors are supported by nylon-tired steel ball bearing carriers. The track is clear anodized aluminum. Curves and switches are available to enable the doors to be used or stored in alternate or remote locations.

**Finishes**
The standard finish is factory applied vinyl from Hufcor's standard vinyl selector: Premium carpet, fabric or pre-approved custom finishes are available.

**Acoustics**
The acoustical performance of acoustical models shall have been tested at an independent testing facility in accordance with ASTM E90 test standards.

**Operation**
Standard partitions are manually operated.

**ISO Registration**
Hufcor U.S. manufacturing facilities’ quality system is registered to the ISO 9001 standards.

**Warranty**
Partitions are guaranteed for two years and the pantographs, trolleys and tracks are guaranteed for 10 years.

Complete specifications and details are available on the Hufcor website, www.hufcor.com, or may be found in our Architectural Product Manual.

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**CHART A ACCORDION MODEL SELECTOR**

<table>
<thead>
<tr>
<th>Model</th>
<th>STC Rating</th>
<th>Lbs./Sq. Ft.</th>
<th>[Kg/Sq. M]</th>
<th>Stack Dimensions ²</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500</td>
<td>15 (est)</td>
<td>1.3 [6.3]</td>
<td></td>
<td>1.4&quot;/ft. +2&quot; [117 + 51]</td>
</tr>
<tr>
<td>2000</td>
<td>20 (est)</td>
<td>1.3 [6.3]</td>
<td></td>
<td>1.4&quot;/ft. +2&quot; [117 + 51]</td>
</tr>
<tr>
<td>3100</td>
<td>31</td>
<td>2.7 [13.2]</td>
<td></td>
<td>1.4&quot;/ft. +3&quot; [117 + 76]</td>
</tr>
<tr>
<td>3500</td>
<td>35</td>
<td>3.0 [14.6]</td>
<td></td>
<td>1.4&quot;/ft. +3&quot; [117 + 76]</td>
</tr>
<tr>
<td>3900</td>
<td>39</td>
<td>3.7 [18.1]</td>
<td></td>
<td>1.4&quot;/ft. +3&quot; [117 + 76]</td>
</tr>
<tr>
<td>4100</td>
<td>41</td>
<td>4.3 [21]</td>
<td></td>
<td>1.4&quot;/ft. +3&quot; [117 + 76]</td>
</tr>
<tr>
<td>4500</td>
<td>45</td>
<td>5.1 [24.9]</td>
<td></td>
<td>1.4&quot;/ft. +3&quot; [117 + 76]</td>
</tr>
</tbody>
</table>

³ Sound Transmission Class. ² Add 30% to stack dimension for carpet. Carpet provides .55 NRC rating. Single Door Max. Width 40'-0" [12.19], Max. Height 17'-0" [5.18]. For sizes in excess of these contact your Hufcor distributor.

**ACCORDION TRACK SYSTEMS**

**Typical Jamb Configurations**

Pair of doors anchor at both jamb. Bi-parting doors may be of equal or unequal width.

Single door anchor at either jamb.

Rolling post doors permit stacking at either jamb. Use in a series for long openings.

**ACCORDION SPECIFICATIONS**
**ACCORDION OPTIONS**

**Curved Tracks**
Curved tracks are available in type #15, #50 and #71 track. Stock curves: 3'6" and 5'0". Custom curves to specification. No structural modifications required. Curved installations require extra door fullness. Add to partition width as follows:

<table>
<thead>
<tr>
<th>Radius</th>
<th>Add</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'6&quot; and 5'0&quot;</td>
<td>Total of squared corner for door width</td>
</tr>
</tbody>
</table>

**S Curves**
Std. 10" offset available in #15, #50 and #71 track only. Custom curves also available.

**Intermediate Posts**
Intermediate Posts are for latching one door to another at an intermediate location. Available one or both sides.

**Switching**
Switching partitions from one track to another allows any partition to serve a dual purpose, or allows remote stacking arrangement. (Refer to Hufcor ARCHITECTURAL MANUAL for framing details.)

**Pocket Storage with Rolling Jamb**
Optional pocket door (by others).

**Pocket Storage with Sliding Jamb**
Optional pocket door (by others). When extended, door moves to front of pocket.

**Curved Tracks**
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**S Curves**
Std. 10" offset available in #15, #50 and #71 track only. Custom curves also available.

**Multiple Meeting Posts**
Multiple Meeting Posts allow more than one door to latch together and are available in two, three or four-way meeting arrangements. Available in either “floating” or “attached” type post.

**Glide Switch**
Glide Switch moves partition from straight onto curved track, permits partition to be used in an alternate track at right angles to the main run or to stack parallel along the wall.

**Pocket Width**
- 10” Minimum - Doors up to 10' wide
- 11” Minimum - Doors up to 20' wide
- 12” Minimum - Doors up to 30' wide

**Crossover Switch**
Crossover Switch permits partitions to pass through intersections.

**It’s All in the Book**
More details on all Hufcor products are available in the Architectural Product Manual. Call your local rep today to receive a complimentary copy.

**Worldwide Headquarters**
PO Box 5591 / 2101 Kennedy Road, Janesville, WI 53547
Toll-Free: 800-542-2371, ext. 214
Telephone: 608-756-1241
Fax: 608-758-8253
E-mail: info@hufcor.com
Web: www.hufcor.com

Hufcor offers continuing education programs for AIA members. Contact your Hufcor representative for details.

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