VERTICAL DESIGN

OPTIMAL ACOUSTICS

SKYFOLD

dormakaba Group
Discover the Skyfold® family of products, vertically folding operable walls that unite design, performance, flexibility and acoustics. Lightweight, electric and easy to operate, all Skyfold systems are:

- Acoustic walls that exceed industry standards
- Space dividers that are self-retracting and made-to-measure
- Decorative elements with distinctive, customizable design options
The Classic series was developed to meet the acoustic challenges of geometrically variable spaces, from the simple (offices, classrooms) to the complex (auditoriums with sloped or stepped floors).

Exceeding industry standards, the acoustic soundproofing indexes for Classic 51, 55 and 60 ensure privacy and confidentiality are respected from one space to another. The Classic NRC model also reduces ambient noise within meeting and conference rooms, increasing the user’s comfort.

ACOUSTIC PERFORMANCE OF INSTALLED SYSTEMS

- Classic 51: Exceptional soundproofing (STC 51 / RW 51)
- Classic 55: Superior soundproofing (STC 55 / RW 54)
- Classic 60: Maximum soundproofing (STC 60 / RW 59)
- Classic NRC: Excellent sound absorption with a noise reduction coefficient (NRC/SAC) of up to 0.65 (STC 50 / RW 49)

CUSTOM DIMENSIONS

- Width: Unlimited
- Height: Up to 36 feet (11m)

FINISHES

Wood Veneer, Metal, Vinyl, Fabric, Plastic Laminate (Melamine), Painted, Mural, Marker Board Surface or create a custom design.

(Classic NRC is available in acoustically transparent fabric only)
Zenith combines the vertically folding elements found in the Classic series at the top portion of the wall with a slick straight down descent thereafter.

Ideal for areas that may have wall obstructions which could limit the use of a vertically folding wall.

ACOUSTIC PERFORMANCE OF INSTALLED SYSTEMS

- Zenith 48: Excellent soundproofing (STC 48 / RW 47)
- Zenith 51: Exceptional soundproofing (STC 51 / RW 51)
- Zenith 55: Superior soundproofing (STC 55 / RW 54)
- Zenith 60: Maximum soundproofing (STC 60 / RW 59)
- Zenith NRC: Excellent sound absorption with noise reduction coefficient (NRC/SAC) of up to 0.65 (STC 50 / RW 49)

CUSTOM DIMENSIONS

- Width: Up to 48 feet (14.6m)
- Height: Up to 12 feet (3.6m)

FINISHES

Wood Veneer, Metal, Vinyl, Fabric, Plastic Laminate (Melamine), Painted, Mural, Marker Board Surface or create a custom design.

(Zenith 48 – Skyfold Standard Fabric, Vinyl and White Marker Board surface finishes only)

(Zenith NRC is available in acoustically transparent fabric only)
Zenith Premium series enhances the Zenith experience with seamless ceiling integration.

ACOUSTIC PERFORMANCE OF INSTALLED SYSTEMS

- Zenith Premium 51: Exceptional soundproofing (STC 51 / RW 51)
- Zenith Premium 55: Superior soundproofing (STC 55 / RW 54)
- Zenith Premium 60: Maximum soundproofing (STC 60 / RW 59)
- Zenith Premium NRC: Excellent sound absorption with noise reduction coefficient (NRC/SAC) of up to 0.65 (STC 50 / RW 49)

CUSTOM DIMENSIONS

- Width: Unlimited
- Height: Up to 14 feet (4.2m)

ADDITIONAL FEATURES

- Pocket closure
- Two LCD display touch screens with a multilingual interface
- Faster deployment time (versus regular Zenith model)

FINISHES

Wood Veneer, Metal, Vinyl, Fabric, Plastic Laminate (Melamine), Painted, Mural, Marker Board Surface or create a custom design. (Zenith Premium NRC is available in acoustically transparent fabric only)
Mirage incorporates Skyfold technology in order to provide the user with the added luxury of transparency!

Clean lines, a lightweight structure into which a wide range of glass and plexiglass panels can be inserted, high efficiency acoustic seams, and ease of maintenance make Mirage the ideal solution for bright, sophisticated and welcoming spaces.

ACOUSTIC PERFORMANCE OF INSTALLED SYSTEM

/ Mirage _______ Single laminated glass (STC 33 / RW 33)

CUSTOM DIMENSIONS

/ Width: _______ Unlimited
/ Height: _______ Up to 24 feet (7.3m)

FINISHES

Glass available in a variety of finishes, including Plexiglass, Lexan®, Bullet-Proof Glass, Frosted Glass.
AVAILABLE OPTIONS:

DIGITAL TOUCH SCREEN
- 4.3” (110 mm) color screen
- Multilingual interface
- Available on all models

LED LIGHTING
- Available on all models except for the Mirage glass model

10 GOOD REASONS TO CHOOSE SKYFOLD®

01 ACOUSTICALLY SUPERIOR: All Skyfold walls offer soundproofing indexes above and beyond industry standards. In addition, the measurable acoustic qualities apply to the entire installed system, not just the panels!

02 SIMPLE: Electric systems that work with a keypad operation!

03 SPACE: Valuable floor space is no longer compromised as Skyfold walls retract neatly into the ceiling when not required.

04 DESIGN: Create a unique look with a wide selection of materials and finishes that can be mixed and matched, with no visible mechanisms, floor or wall tracks.

05 ECONOMICAL: Requires little manpower and minimal maintenance.

06 FAST: Skyfold lets you reconfigure a space in mere minutes.

07 QUIET: Silent operation – create a banquet hall without disturbing the conference going on right next door!

08 LIGHTWEIGHT: Thanks to an ingenious structural design using less steel, Skyfold operable walls are lighter than most traditional systems.

09 FLEXIBILITY: Customized for your space, our systems adapt to all types of environments, whether large or small, simple or complex (sloped gymnasiums, stepped-floor auditoriums, stairs, etc.).

10 RELIABILITY: Skyfold walls are durable and built to ensure many years of dependable operation. We stand behind our products by offering an industry leading 10 year warranty!
Please note that certain figures listed above were approximated for comparison purposes only. For specific and complete technical information, REVIT Drawings and drawing details, please visit our website.

<table>
<thead>
<tr>
<th>MODEL CLASSIC SERIES</th>
<th>MODEL ZENITH SERIES</th>
<th>MODEL ZENITH PREMIUM SERIES</th>
<th>GLASS MODEL</th>
</tr>
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<tbody>
<tr>
<td>Model 51</td>
<td>Model 55</td>
<td>Model 60</td>
<td>Model NRC</td>
</tr>
<tr>
<td><strong>TECHNICAL (IMPERIAL)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STC (System)</td>
<td>51</td>
<td>55</td>
<td>60</td>
</tr>
<tr>
<td>STC (Panel)</td>
<td>61</td>
<td>61</td>
<td>60</td>
</tr>
<tr>
<td>NRC (System)</td>
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<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Max Height (ft)</td>
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<td>36</td>
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<tr>
<td>Max Length (ft)</td>
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<tr>
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<td>Various(1)</td>
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<tr>
<td>Ceiling space required for storage (ft)</td>
<td>- (approx.)</td>
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<td>-</td>
</tr>
<tr>
<td>Pocket Width (ft)</td>
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<td>55&quot; to 69&quot;</td>
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<tr>
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</tr>
<tr>
<td>RW (System)</td>
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<td>54</td>
<td>59</td>
</tr>
<tr>
<td>RW (Panel)</td>
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<td>64</td>
</tr>
<tr>
<td>SAC (System)</td>
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<td>-</td>
<td>-</td>
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<td>Max Height (mm)</td>
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<td>Weight (kg/m²)</td>
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<td>37.1</td>
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<td>Pocket Width (mm)</td>
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<td><strong>ADDITIONAL FEATURES</strong></td>
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</tr>
<tr>
<td>Auto-reverse</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Floor track</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Wall tracks</td>
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<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Obstruction Safety Sensor</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Infrared Sensor</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Back Operation</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>Pocket Closure</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td><strong>AVAILABLE OPTIONS</strong></td>
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<tr>
<td>10-year parts warranty</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
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<tr>
<td>Digital Touch Screen</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>LED Lighting</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
</tbody>
</table>

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13 Finishes may exceed 1/8” thick (thicker) or range more than 0.11 lbs/sq.ft. (5.54 kg/m²).
14 Please refer to the technical section of our website for available finishes.
15 Available finishes include standard vinyl/fabric or white marker board surface finish.
16 Available in acoustically transparent fabric only.
17 Single laminated glass.

ADDITIONAL FEATURES

- Auto-reverse: In the event of a power failure, SKYFOLD will automatically reverse to its original position.
- Floor track: Optional for specific application requirements.
- Wall tracks: Optional for specific application requirements.
- Obstruction Safety Sensor: Ensures safety in case of obstacles.
- Infrared Sensor: Detects infrared signals to control operation.
- Back-Operation: Operates the door open in reverse direction.
- Pocket Closure: Closes the pocket area when the door is closed.

AVAILABLE OPTIONS

- 10-year parts warranty: Provides extended warranty coverage.
- Digital Touch Screen: Controls door operation through a touch screen.
- LED Lighting: Provides illumination for the door and surrounding area.

ADDITIONAL FEATURES

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AVAILABLE OPTIONS

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ACOUSTIC PERFORMANCE OF SKYFOLD WALLS AS COMPARED TO CONVENTIONAL OPERABLE WALLS

<table>
<thead>
<tr>
<th>Model</th>
<th>STC Rating 10 years</th>
<th>STC Rating 5 years</th>
<th>NRC Rating (System)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model 51</td>
<td>51</td>
<td>51</td>
<td>Up to 0.65</td>
</tr>
<tr>
<td>Model 55</td>
<td>55</td>
<td>55</td>
<td>Up to 0.65</td>
</tr>
<tr>
<td>Model 60</td>
<td>60</td>
<td>60</td>
<td>Up to 0.65</td>
</tr>
<tr>
<td>Model NRC</td>
<td>NRC</td>
<td>NRC</td>
<td>Up to 0.65</td>
</tr>
</tbody>
</table>

SKYFOLD DEPLOYMENT TIME REQUIRED COMPARED TO CONVENTIONAL OPERABLE WALLS

<table>
<thead>
<tr>
<th>Model</th>
<th>Deployment Time (min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model 51</td>
<td>10</td>
</tr>
<tr>
<td>Model 55</td>
<td>30</td>
</tr>
<tr>
<td>Model 60</td>
<td>60</td>
</tr>
<tr>
<td>Model NRC</td>
<td>1 minute</td>
</tr>
</tbody>
</table>

SKYFOLD PRODUCT LINE COMPARISON SUMMARY

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- For specific and complete technical information, REVIT Drawings and drawing details, please visit our website.
SKYFOLD’S EXCLUSIVE LINE OF VERTICALLY FOLDING OPERABLE WALL SYSTEMS PROVIDE A UNIQUE WAY TO SUBDIVIDE SPACE. OUR CUSTOM BUILT SYSTEMS ARE COMPLETELY AUTOMATIC AND RETRACT INTO A CEILING CAVITY WITH A SIMPLE KEYPAD OPERATION.

CLASSIC SERIES
State-of-the-art acoustics for privacy and soundproofing

ZENITH SERIES
Cutting-edge, innovative vertical wall technology

ZENITH PREMIUM SERIES
Enhances the Zenith experience!

MIRAGE
Brings in the light with your choice of transparent panels

Skyfold is pleased to be an official member of the U.S. Green Building Council. The Green Council is committed to promoting better designed buildings that are not only more environmentally and socially responsible, but also help improve the quality of life for those who occupy them and the communities in which they are built. The Council has developed a benchmarking system known as LEED (Leadership in Energy & Environmental Design). When it comes to recycled materials, architects and owners who choose a Skyfold vertically folding operable wall system can calculate the following toward LEED accreditation on their projects.

In order to continue protecting our environment, it is essential that we all do our part by using recycled materials whenever possible. Skyfold is proud to help.

Recycled materials
Post-consumer Up to 27%
Pre-consumer Up to 51%

SKYFOLD® LIMITED WARRANTY
WORKMANSHIP: Parts & labour - 2 years or 5,000 cycles*  
Optional extended warranty on parts available - 10 years or 5,000 cycles*  
Acoustical Performance - 10 years  
*3rd occurrence from date of shipment.  
Digital touch screen excluded from extended warranty.

SKYFOLD®, SKYFOLD® Classic™, SKYFOLD Zenith® and SKYFOLD Mirage® are registered trademarks of Skyfold Inc. and Skyfold Investments Ltd.

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