

VERTICAL INNOVATION

The Acoustic Leader in Vertically Folding Retractable Walls





Discover the Skyfold family of products:

Custom built and automatic vertically folding operable walls that unite acoustics, flexibility, design and performance.

All Skyfold systems are:

- Acoustic walls that exceed industry standards
- Space dividers that are self-retracting and sized for each project
- Decorative elements with distinctive, customizable design options

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< Reilly Pozner – Denver, Colorado USA
Skyfold Classic™ 51
Architect / Interior Designers: Gensler

Cover page project:
Newfield Conference Center – The Woodlands, Texas USA
Skyfold Classic™ 51
Architect / Interior Designers: Abel Design Group, Ltd.

ABOUT US

Revolutionizing How You Design Spaces

At Skyfold Inc. “we think vertical”: we are the acoustic leader in vertically folding retractable walls. Our walls are more than just space dividers: they are innovative, custom, electric and premium multipurpose space solutions that allow architects, interior designers, contractors and end-users to redefine how a space is used. The easy-to-use, self-retracting system and vertical motion of the wall give users the flexibility to quickly divide or expand spaces. When deployed, Skyfold becomes a two-sided, rigid wall and acoustic barrier with acoustic ratings of up to STC 60 (RW 59) for sound isolation and NRC/SAC of up to 0.65 for noise reduction. When not in use, the Skyfold wall disappears into the ceiling to maximize the floor space.

Our solutions are not just acoustical walls used to reconfigure spaces; they are created to be multipurpose design pieces that live within a space. With a wide selection of finish options that can be mix-and-matched, your Skyfold wall can be customized to complement, and even enhance, your space's design. Our standard white markerboard surface finish further transforms a partition wall into a projection screen and a writing surface that colleagues or students can use to brainstorm and that teachers can use for lecture notes.

We are innovators and leaders in the movable wall industry. All Skyfold walls are expertly made in the manufacturing facility at the Skyfold Headquarters in Montreal, Canada. With thousands of walls installed worldwide, Skyfold is the premium choice for architects, interior designers, and end users.





Jackson Healthcare - Atlanta, Georgia USA
Skyfold Classic 55™
Architect / Interior Designers: Rule Joy Trammell & Rubio
Photo credit: Katie Bricker Photography



BCF Avocat - Montreal, Quebec Canada
Skyfold Zenith® 60
Architect / Interior Designers: Huma Design



Adrien Williams Photos Inc.

Zenith® Series

Innovative vertical wall technology

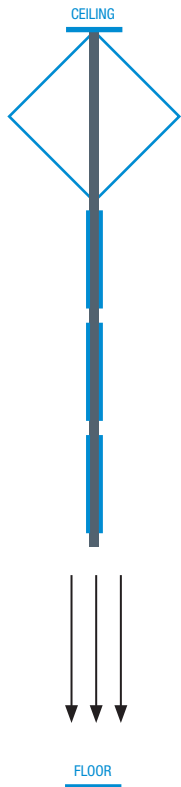
Zenith combines vertically folding elements at the top portion of the wall with a sleek straight down descent thereafter, which makes it the ideal flexible space solution for areas that may have wall obstructions which could limit the use of a vertically folding partition wall. With the Zenith's narrow path of travel, you don't have to overhaul the placement of the furniture in the space to operate the partition wall.





Zenith® Series

ADVANTAGES



- Retracts into the Ceiling to Maximize Floor Space
- Industry-Leading STC ratings
- No Floor, Wall Tracks or Visible Hinges
- Fully Automatic
- Easy-to-use Turn-Key or Digital Keypad Operation
- Quiet Operation
- Lightweight Panels
- Flat and Rigid
- Cost-Effective and Lightweight Structure
- Can be Installed to Meet at 90°
- Can be used in Stepped and Sloped Spaces
- Equipped with a Safety Obstruction Sensor
- Variety of Finish Options

ACOUSTIC PERFORMANCE OF INSTALLED SYSTEMS

- Zenith 48: Excellent sound isolation (STC 48 / RW 47)
- Zenith 51: Exceptional sound isolation (STC 51 / RW 51)
- Zenith 55: Superior sound isolation (STC 55 / RW 54)
- Zenith 60: Maximum sound isolation (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: Unlimited (with the exception of the Zenith 48 model)
- Height: Maximum height 12 feet (3.6m)

FINISHES (with the exception of the Zenith 48 model)

- Wood Veneer, Metal, Vinyl, Fabric, Plastic Laminate (Melamine), Paint, Mural, Marker Board Surface or create a custom design.
(Zenith NRC is available in acoustically transparent fabric only)

Zenith 48 model only:

- Maximum wall length up to 48 feet (14.6m)
- Only one finish per wall: One of Skyfold's standard fabric, standard vinyl, standard paint or standard white Markerboard surface finish



CNA HQ- Chicago, Illinois USA
Skyfold Zenith® 55
Architect / Interior Designers: IA Interior Architects

Zenith® Series



University of Nebraska - Lincoln, Nebraska USA
Skyfold Zenith® 55
Architect / Interior Designers: Owner



Zenith® Series



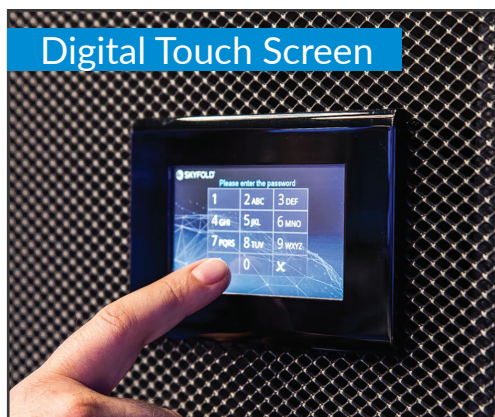
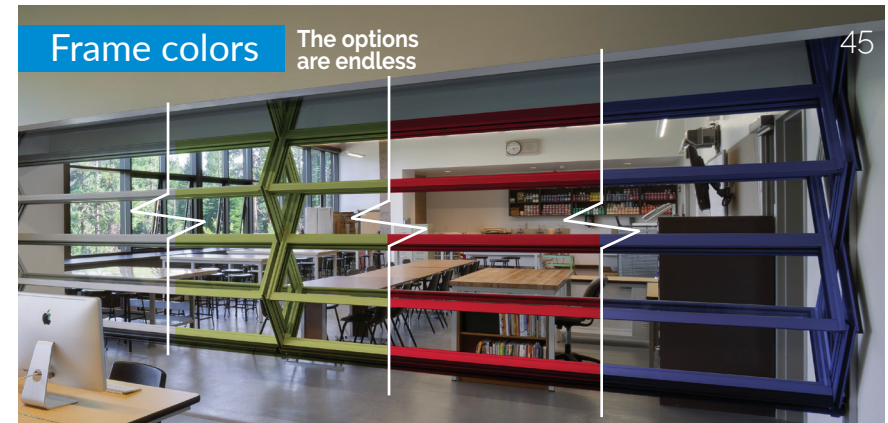
Photos: David Churchill

DBRS LONDON - London , England UK
Skyfold Zenith® 55
Architect / Interior Designers: Originate Architects



• Available Options

	Zenith	Zenith Premium	Classic	Mirage
Key/Button Control	●	●	●	●
Digital Touch Screen	●	Included	●	●
LED Lighting	●	●	●	
Seal colors	●	●	●	
Frame colors				●



LED Lighting: Available on all models except for the Mirage glass model. Available in two bezel shapes that surround the frosted glass lens. Available in neutral white (4000K) and warm white (2800K).

Digital Touch Screen: Simple to use. Backlit 10-key keypad. Multilingual capabilities. 4-digit programmable user PIN. Real-time on-screen communication display. 2 digital keypads included. Connection to optional LED lighting with dimming feature available. Available on all Skyfold models!

Key/Button Control: Easy to use Turn-Key operation. With a simple push button operation, a room can be quickly and quietly reconfigured to provide the user with tremendous space flexibility. There is no longer any need for manual intervention to position the wall in order to change a room's configuration.

Acoustic seals: Available in white or black. Available on all models except for the Mirage. White seals not available on Zenith 48.

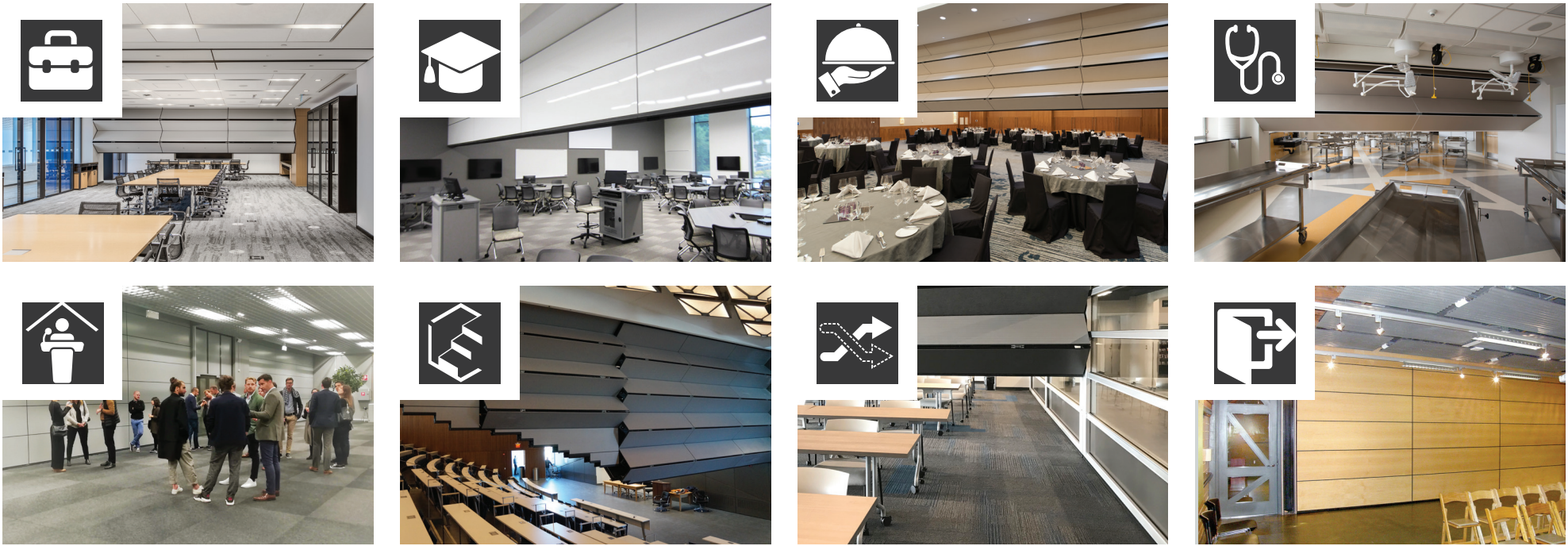
Frame colors: Standard and custom colors available. Available on Mirage glass model only.

Applications

Workspace | Education | Hospitality |
Healthcare | Convention Center

Specialty Applications

Stepped and Sloped Walls | Intersecting Walls | Egress



Workspace

In an open concept office setup, employees have ample space to collaborate with colleagues, but are sometimes faced with noise distractions and a lack of privacy. Skyfold's acoustic flexible space solutions in offices worldwide present the ideal balance by creating multipurpose spaces that can be quickly divided while maintaining noise control and a sense of community.



A. Borden Ladner Gervais - Vancouver, BC Canada
Skyfold Classic™
Architect / Interior Designers: HOK - Vancouver.



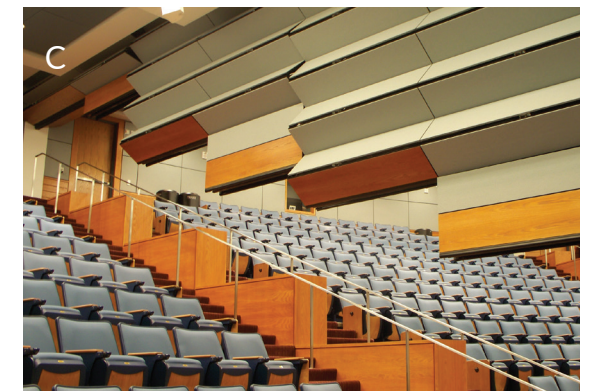
B. KPMG Vaughan Metropolitan Centre- Toronto, Ont Canada
Skyfold Zenith® 51
Architect / Interior Designers: Gensler



C. Stadsbader - Harelbeke, Belgium
Skyfold Classic™ 51
Architect / Interior Designers: Bureau d'Hondt

Education

Schools are faced with a growing student population with a limited square footage. Skyfold's acoustic flexible space solutions allow schools to get creative with how they manage their space all while providing noise control so that students can focus on their studies.



A. South Lake Tahoe High School- California USA
Skyfold Mirage®
Architect / Interior Designers: LPA

B. University of West Georgia Biology Building
Skyfold Zenith® 55
Architect / Interior Designers: Cooper Carry

C. Texas A&M University Mitchell Physics Building
Skyfold Classic™ 51
Architect / Interior Designers: Michael Graves & Associates

Hospitality

When square footage and revenue are intertwined, you need to ensure that every inch of a client's space is used to the fullest. At a touch of a button, the Skyfold wall unfolds from the ceiling to transform your space in a matter minutes without any manual labor.



A. Andaz Hotel – Rocher District, Singapore
Skyfold Classic™ 55
Architect / Interior Designers: AFSO

B. Martin's Valley Mansion - Hunt Valley, Maryland USA
Skyfold Classic™ 51
Architect / Interior Designers: Levin/Brown & Associates

C. The Berkeley Hotel–London, England, UK
Skyfold Classic™ 55
Architect / Interior Designers: Heah & Co.

Healthcare

Healthcare is constantly adapting to changes impacting the patients it serves. Skyfold walls are innovative and premium multipurpose space solutions that allow architects, interior designers, contractors and end-users to redefine how a space is used.



A. University of New Mexico – Health Science Center –
Albuquerque, New Mexico USA
Skyfold Classic™ 55
Architect / Interior Designers: Dekker Perich Sabatini



B. University of California San Francisco MSB
Anatomy Lab – USA
Skyfold Classic™ 51
Architect / Interior Designers: Harley Ellis Devereaux



C. Jackson Healthcare – Atlanta, Georgia USA
Skyfold Classic™ 55
Architect / Interior Designers: Rule Joy Trammell & Rubio

Convention Centers

With operable walls that go up to 36 ft. and that are unlimited in width, Skyfold provides acoustic and automated flexible space solutions for your exposition spaces. A multi-wall acoustic configuration gives you the opportunity to generate even more revenue as events can occur simultaneously without disruption.



A. Walter E Washington Convention Center – DC USA
Skyfold Classic™ 51
Architect / Interior Designers: Group Goetz Architects



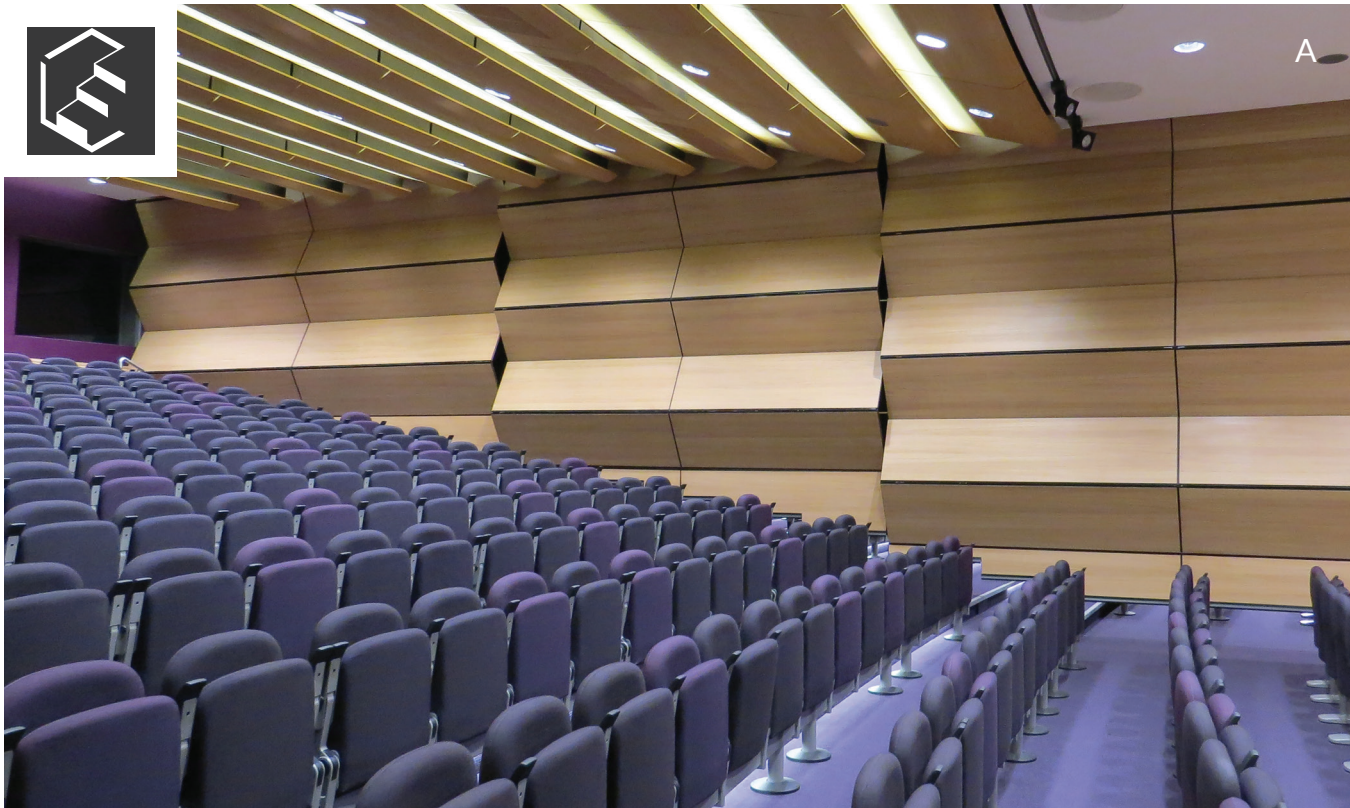
B. OCEC - Oman Conference & Exhibition Centre
Skyfold Classic™ 51
Architect / Interior Designers: WATG-London & SSH Inter'l-Muscat
255.9' long and 26.41' high (78m and 8.05m)



C. Swedish Gothia Towers – Gothenburg, Sweden
Skyfold Classic™ 55
Architect / Interior Designers: Abako Arkitektkontor

Stepped & Sloped

Skyfold's automated vertically folding retractable walls are ideal for almost any space in an educational facility. Find Skyfold in stepped or sloped auditoriums for team meets, seminars or presentations. Skyfold provides acoustic and automated flexible space solutions for your auditorium spaces.



A. UKCMRI The Francis Crick Institute – London, England UK
Skyfold Classic™ 60
Architect / Interior Designers: HOK



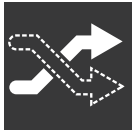
B. OHSU - Oregon Health & Science University -
Collaborative Life Science Building – Portland, Oregon USA
Skyfold Classic™ 51
Architect / Interior Designers: Sera & Co. Architects



C. Training Center in NYC - College Point, New York USA
Skyfold Classic™ 55
Architect / Interior Designers: Perkins & Will

Intersecting wall

A multi-wall acoustic configuration gives you the opportunity to generate even more revenue as events can occur simultaneously without disruption. And, with options to intersect Skyfold walls at 90°, T- and L-angles, the floor plan configurations are endless.



A. Johnson Student Center – Santa Ana, California, USA
Skyfold Classic 55™
Architect / Interior Designers: HPI Hill Partnership Inc.

B. DTE Mt Clemens – Mt. Clemens, Michigan, USA
Skyfold Mirage® & Skyfold Classic™ 51
Architect / Interior Designers: Tetra Tech

C. Cambridge Bio Genetics Office – Cambridge, Massachusetts, USA
Skyfold Classic™ 51
Architect / Interior Designers: Jacobs Engineering

Egress door

There are many options to choose from when creating egress doors with Skyfold's vertically retracting walls. Not only do they provide practical and effective solutions, they can be a thing of beauty and exactly tailored to your specifications.



A. Westfield - Sydney Australia
Skyfold Classic™ 51
Architect / Interior Designers: Woods Bagot



B. Barn at Fallingwater - Mill Run, Pennsylvania USA
Skyfold Classic™ 51
Architect / Interior Designers: Bohlin Cywinski Jackson



C. Salvation Army - Harbour Light Center- Toronto, Ont. Canada
Skyfold Classic™ 51
Architect / Interior Designers: Diamond & Schmitt Architects

Product Line

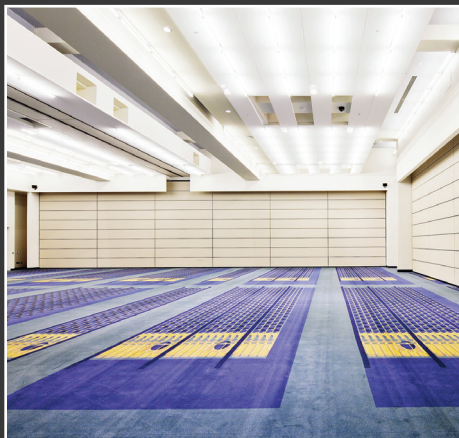
COMPARISON SUMMARY



Zenith® Premium Series



Zenith® Series



Classic™ Series



Mirage®

SKYFOLD ZENITH SERIES

	Model 48	Model 51	Model 55	Model 60	Model NRC
TECHNICAL (IMPERIAL)					
STC (System)	48	51	55	60	50
STC (Panel)	57	61	61	66	60
NRC (System)	-	-	-	-	Up to 0.65
Max Height (ft.)	12	12	12	12	12
Max Length (ft.)	48	Unlimited	Unlimited	Unlimited	Unlimited
Weight (lbs/sq.ft.)	6	6.2	6.8	8.6	6.5
Available Finishes	Limited ⁽³⁾	Various ⁽¹⁾	Various ⁽¹⁾	Various ⁽¹⁾	Fabric only ⁽⁴⁾
Ceiling space required for storage (ft.) - (approx.)	2'-0" to 2'-8.25"	2'-0" to 2'-8.25"	2'-0" to 2'-8.25"	2'-0" to 2'-8.25"	2'-0" to 2'-8.25"
Pocket Width (ft.) - (approx.)	55" to 63.5"	55" to 63.5"	55" to 63.5"	55" to 63.5"	55" to 63.5"
TECHNICAL (METRIC)					
RW (System)	47	51	54	59	49
RW (Panel)	55	60	60	64	58
SAC (System)	-	-	-	-	Up to 0.65
Max Height (mm)	3,660	3,660	3,660	3,660	3,660
Max Length (mm)	14,600	Unlimited	Unlimited	Unlimited	Unlimited
Weight (kg/m ²)	29.3	30.4	33.3	42	32.8
Available Finishes	Limited ⁽³⁾	Various ⁽¹⁾	Various ⁽¹⁾	Various ⁽¹⁾	Fabric only ⁽⁴⁾
Ceiling space required for storage (mm) -	615 to 820	615 to 820	615 to 820	615 to 820	615 to 820
Pocket Width (mm) - (approx.)	1,400 to 1,615	1,400 to 1,615	1,400 to 1,615	1,400 to 1,615	1,400 to 1,615
ADDITIONAL FEATURES					
Auto-reverse	Y	Y	Y	Y	Y
Floor track	N	N	N	N	N
Wall tracks	N	N	N	N	N
Obstruction Safety Sensor	Y	Y	Y	Y	Y
Infrared Sensor	N	N	N	N	N
Back-Up Operation	Y	Y	Y	Y	Y
Pocket Closure	N	N	N	N	N
AVAILABLE OPTIONS					
10-year parts warranty	Y	Y	Y	Y	Y
Digital Touch Screen	Y	Y	Y	Y	Y
LED Lighting	Y	Y	Y	Y	Y

SKYFOLD ZENITH PREMIUM SERIES

SKYFOLD CLASSIC SERIES

SKYFOLD MIRAGE

Model 51	Model 55	Model 60	Model NRC	Model 51	Model 55	Model 60	Model NRC	Glass Model
51	55	60	50	51	55	60	50	33
61	61	66	60	61	61	66	60	36 ⁽⁵⁾
-	-	-	Up to 0.65	-	-	-	Up to 0.65	-
14	14	14	14	36	36	28	36	24
Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
6.2	6.8	8.6	6.5	7	7.6	9.4	7.5	7.5
Various ⁽¹⁾	Various ⁽¹⁾	Various ⁽¹⁾	Fabric only ⁽⁴⁾	Various ⁽¹⁾	Various ⁽¹⁾	Various ⁽¹⁾	Fabric only ⁽⁴⁾	Various ⁽²⁾
2'-0" to 2'-10"	2'-0" to 2'-10"	2'-0" to 2'-10"	2'-0" to 2'-10"	2'-0" to 6'-4"	2'-0" to 6'-4"	2'-0" to 5'-0"	2'-0" to 6'-4"	3'-2" to 4'-9"
56.25" to 70"	56.25" to 70"	56.25" to 70"	56.25" to 70"	55" to 69"	55" to 69"	55" to 69"	55" to 69"	44" to 61"
51	54	59	49	51	54	59	49	33
60	60	64	58	60	60	64	58	36 ⁽⁵⁾
-	-	-	Up to 0.65	-	-	-	Up to 0.65	-
4,265	4,265	4,265	4,265	11,000	11,000	8,535	11,000	7,315
Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
30.4	33.3	42	32.8	34.2	37.1	46	36.6	36.6
Various ⁽¹⁾	Various ⁽¹⁾	Various ⁽¹⁾	Fabric only ⁽⁴⁾	Various ⁽¹⁾	Various ⁽¹⁾	Various ⁽¹⁾	Fabric only ⁽⁴⁾	Various ⁽²⁾
615 to 865	615 to 865	615 to 865	615 to 865	615 to 1,960	615 to 1,960	615 to 1,530	615 to 1,960	965 to 1,450
1,430 to 1,780	1,430 to 1,780	1,430 to 1,780	1,430 to 1,780	1,400 to 1,750	1,400 to 1,750	1,400 to 1,750	1,400 to 1,750	1,105 to 1,550
Y	Y	Y	Y	Y	Y	Y	Y	Y
N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	N	Y
Y	Y	Y	Y	Y	Y	Y	Y	N
N	N	N	N	N	N	N	N	Y
Y	Y	Y	Y	Y	Y	Y	Y	Y
Y	Y	Y	Y	N	N	N	N	N
Y	Y	Y	Y	Y	Y	Y	Y	Y
Included	Included	Included	Included	Y	Y	Y	Y	Y
Y	Y	Y	Y	Y	Y	Y	Y	N

Please note that certain figures listed in the comparison chart were approximated for comparison purposes only.

For specific and complete technical information, REVIT Drawings and drawing details, please visit our website: www.skyfold.com

⁽¹⁾ Finishes must not exceed 1/8" thick (3mm) or weigh more than 0.11 lbs./sq.ft. (0.54 kg./m²)

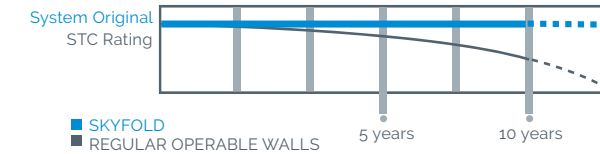
⁽²⁾ Please refer to the technical section of our website for available finishes

⁽³⁾ Available finishes include standard vinyl, fabric, paint or white marker board surface finish.

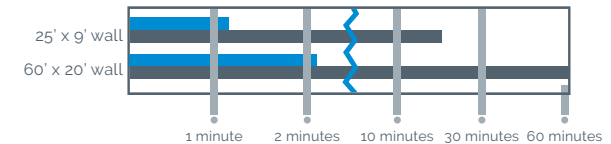
⁽⁴⁾ Available in acoustically transparent fabric only

⁽⁵⁾ Single laminated glass

ACOUSTIC PERFORMANCE OF SKYFOLD WALLS AS COMPARED TO CONVENTIONAL OPERABLE WALLS



SKYFOLD DEPLOYMENT TIME REQUIRED COMPARED TO CONVENTIONAL OPERABLE WALLS



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

*First occurrence from date of shipment.
Digital touch screen excluded from extended warranty.

Zenith® Series Dimension Chart

STANDARD DRIVE SYSTEM

PANELS ≤ 26.5" | PANELS ≤ 673mm

IMPERIAL

FINISHED CEILING "A"	BEAM HEIGHT "B"	ACOUSTIC BARRIER "C"	POCKET DEPTH "D"	POCKET WIDTH "E"	PANEL HEIGHT "F"	NUMBER OF PANELS HIGH	WALL THICKNESS	MAX PANEL LENGTH ALL ZENITH MODELS
7'-0"	9'-2 1/4"	8'-2 1/2"	14 1/2"	56 3/4"	23 1/2"	4 Panels High	11 3/4"	12'
7'-6"	9'-8 1/4"	8'-8 1/2"	14 1/2"	59 3/4"	25"			
8'-0"	10'-2 1/4"	9'-2 1/2"	14 1/2"	62 3/4"	26 1/2"			
8'-1"	10'-8 1/2"	9'-8"	20"	54 3/4"	22 3/16"	5 Panels High	11 3/4"	12'
8'-6"	11'-1 1/2"	10'-1"	20"	56 3/4"	23 3/16"			
9'-0"	11'-7 3/4"	10'-7 1/4"	20 1/4"	59 1/4"	24 7/16"			
9'-6"	12'-2"	11'-1 1/2"	20 1/2"	61 3/4"	25 11/16"			
10'-0"	12'-7"	11'-5 1/2"	18 1/2"	63 3/4"	26 1/2"			
10'-1"	12'-9"	11'-9 1/4"	20 1/4"	55"	22 5/8"	6 Panels High	11 3/4"	12'
10'-6"	13'-2 1/4"	12'-2 1/2"	20 1/2"	56 3/4"	23 1/2"			
11'-0"	13'-8 1/4"	12'-8 1/2"	20 1/2"	58 3/4"	24 1/2"			
11'-6"	14'-2 1/4"	13'-2 1/2"	20 1/2"	60 3/4"	25 1/2"			
12'-0"	14'-8 1/4"	13'-8 1/2"	20 1/2"	62 3/4"	26 1/2"			

* Beam heights indicated may vary with wall size and motor size.

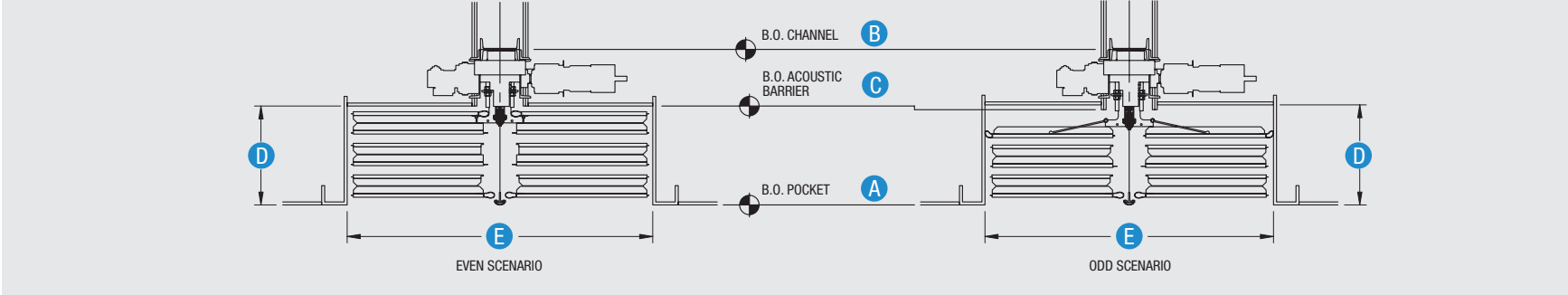
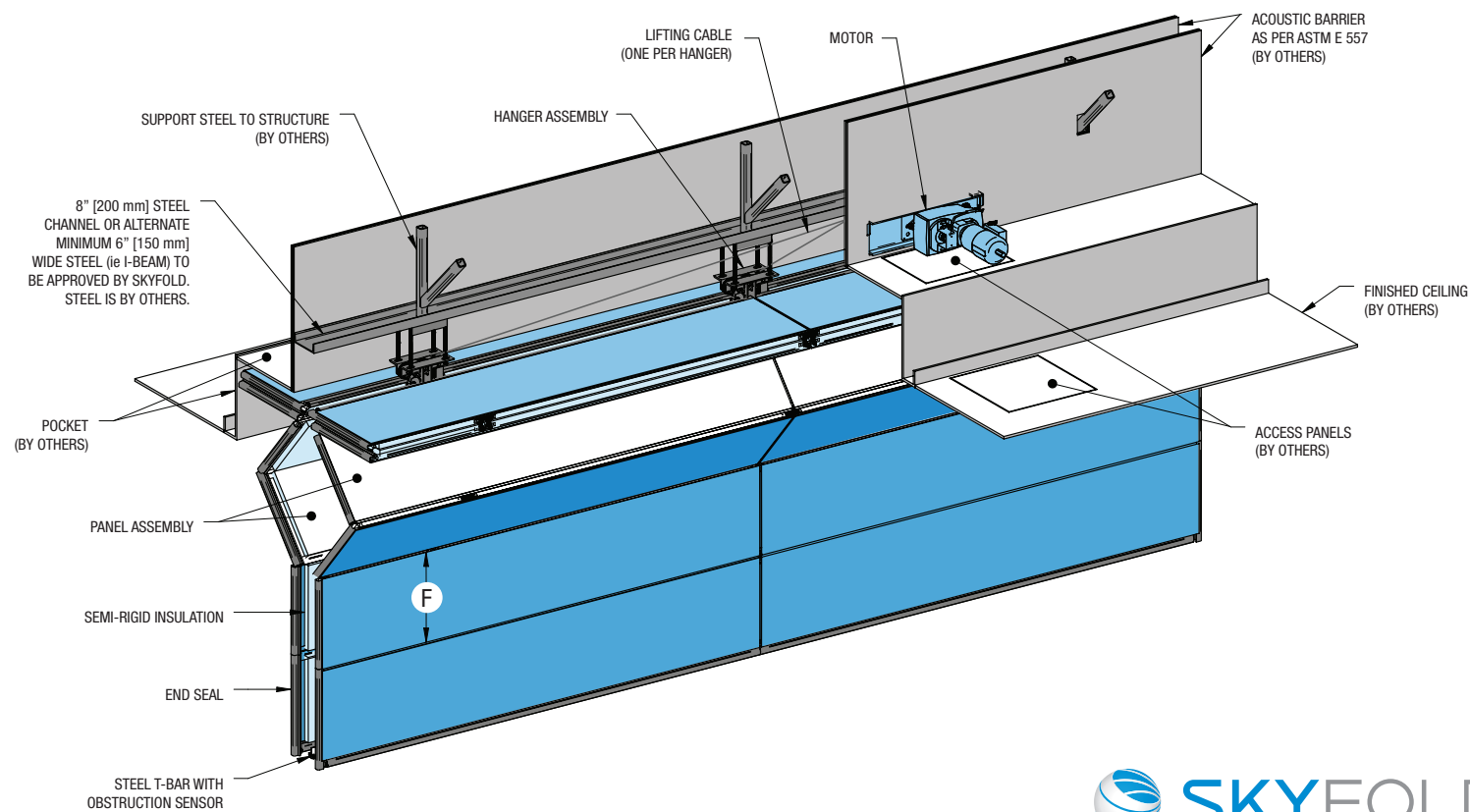
This table is not for construction purposes. Refer to shop drawings for final build to dimensions

METRIC

FINISHED CEILING "A"	BEAM HEIGHT "B"	ACOUSTIC BARRIER "C"	POCKET DEPTH "D"	POCKET WIDTH "E"	PANEL HEIGHT "F"	NUMBER OF PANELS HIGH	WALL THICKNESS	MAX PANEL LENGTH ALL ZENITH MODELS
2150	2855	2525	380	1455	603	4 Panels High	300	3655
2200	2895	2570	370	1475	614			
2250	2955	2630	380	1505	629			
2300	3005	2680	380	1530	641			
2350	3055	2730	380	1555	654			
2400	3105	2780	380	1580	667			
2440	3130	2805	365	1595	673			
2450	3275	2930	505	1385	560	5 Panels High	300	3655
2500	3325	2980	505	1405	570			
2550	3370	3025	500	1420	579			
2600	3420	3075	500	1440	589			
2650	3465	3120	495	1460	598			
2700	3515	3170	495	1480	608			
2750	3570	3225	500	1505	619			
2800	3615	3270	495	1520	629			
2850	3670	3325	505	1545	640			
2900	3720	3375	500	1560	649			
2950	3770	3425	500	1580	659			
3000	3825	3480	505	1605	665			
3050	3860	3520	495	1620	673			
3075	3915	3590	515	1395	575	6 Panels High	300	3655
3200	4045	3720	520	1440	597			
3350	4200	3875	525	1490	622			
3500	4350	4025	525	1545	648			
3650	4505	4180	530	1595	673			
3660	4505	4180	520	1595	673			

* Beam heights indicated may vary with wall size and motor size.

This table is not for construction purposes. Refer to shop drawings for final build to dimensions.





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EOI/2021

Recycled materials: Up to 97%
Post-consumer: Up to 27%
Pre-consumer: Up to 51%

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

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.