





# **600** Series Operable Partitions

Partitions • Operable | Vertical Lift | Glasswall | Automatic

## 600系列活動屏風



600 Series operable partitions are the embodiment of innovation and aesthetics combined. Its welded, galvanized and heavy-duty steel frames provide flexible, versatile and space-saving solutions, together with newly designed acoustical features for industry leading durability and acoustic performance up to STC 54. HUFCOR products can be customized for a number of specific and unique design requirements and applications.

HUFCOR's globally-proven multi-directional trolley systems create the easiest movement through turns and crosses to remote storage. And our quick-setting seal system creates the fastest operable wall setup and storage.

600系列活動屏風堪稱創新與美學的完美結晶,為室內空間提供靈活、 多功能和節省空間的解決方案。600系列的框架以鍍鋅鋼材機械焊接而成, 配合嶄新設計的隔音裝置,將屏風的耐用性和隔音效果提升至頂尖水平(最高 可達STC 54)。赫福高更可配合客戶獨特的設計要求和應用,提供度身訂造 的產品。

赫福高一直備受世界公認的多方向式路軌滑輪系統創造了最為簡易的屏風 運行環境,屏風可通過路軌轉向及駁口處迅速進入藏板間。同時,快速設置 密封系統使固定與收藏屏風的操作更為便捷。

HUFCOR, a US-based corporation, is the global market leader in flexible space management, with an internationally acclaimed heritage of over 110 years. We pride ourselves in our ability to maintain the highest possible standards of differentiated services, including total solutions from design, manufacturing and project management to installation and product maintenance.

赫福高是一間總部位於美國,擁有逾 110 年歷史享譽國際的跨國企業。作為靈活空間管理的全球 領導者,我們致力於提供各種最高標準的服務,包括設計、生產製造、項目管理、產品安裝以及 維修保養的全面解決方案。









## Features 產品特點

### Steel Frame 鋼結構框架

The frame is made of 2mm welded heavy-duty galvanized steel. It provides the frame with high rigidity & durability.

框架由2mm镀锌鋼材機械焊接而成的,結構堅固耐用。

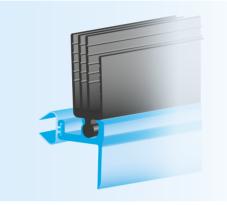
Free 5-year warranty on welded steel frame 5年免費鋼框架維修保養服務



## New Sweep Seals 創新密封膠條

Four-finger sweep seals are installed at panel's top and bottom, which increase the contact point by 50%, when comparing to the past product series. It provides optimum seal contact to keep out sound effectively.

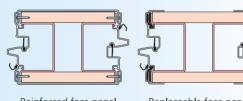
屏風頂底及底部配備多達4層的觸碰式密封膠條,與以往產品型號相比,接觸點增加約50%,大大提升隔音性能。



## Improved Trim System 精良收邊系統

Trimmed and trimless designs provide options for reinforced and replaceable face panels, catering different design proposals.

提供加裝保護邊框或無邊框設計的選擇方案,靈活配合固定式及可換式面板,迎合不同設計方案。



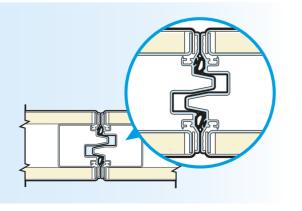


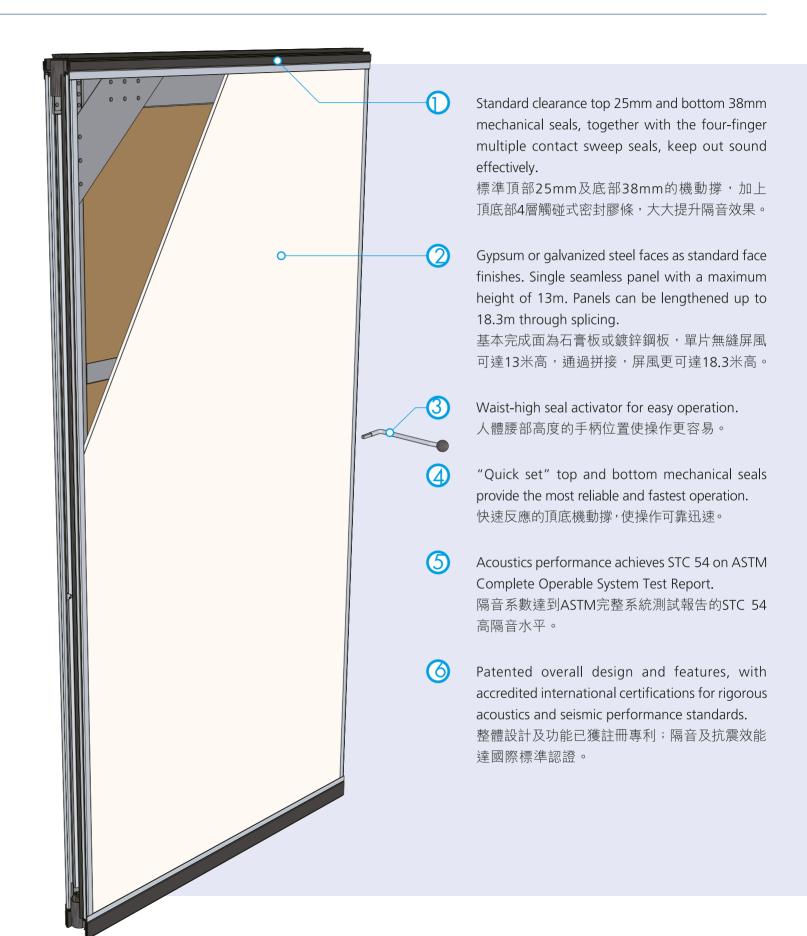
Replaceable face panel 可換式面板

## Newly Invented Bullnose 新研發牛鼻

The single design bullnose replaces the traditional male and female-sided bullnose. Equipped with vertical compressive seals, it improves the depth of interlocking, and prevents sound leaks effectively.

設計劃一的新牛鼻,替代傳統的公母邊牛鼻,並配有垂直壓縮膠條, 有效加強嵌合深度,杜絕漏音。



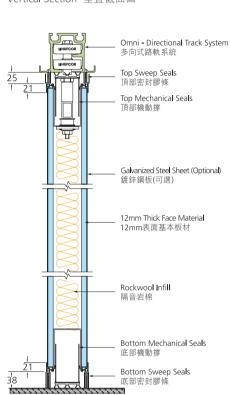


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## Specifications 產品規格

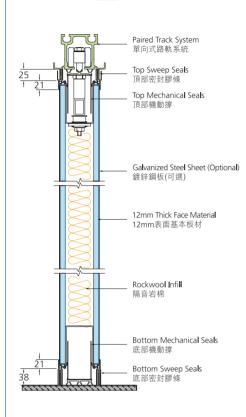
#### Omni-Directional Panels 多向式屏風

Vertical Section 垂直截面圖



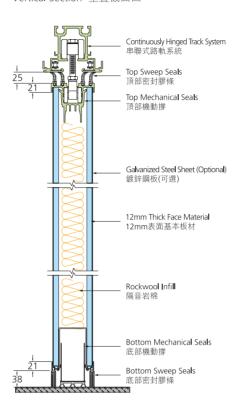
#### Paired Panels 單向式屏風

Vertical Section 垂直截面圖



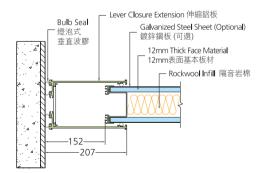
#### Continuously Hinged Panels 電動串聯式屏風

Vertical Section 垂直截面圖

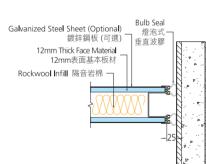


Horizontal Sections 水平截面圖

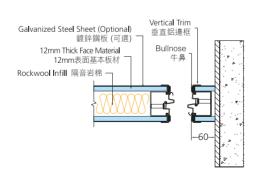
#### Lever Closure 伸縮板



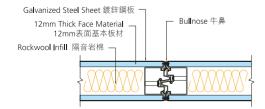
#### Bulb Seal 波膠板



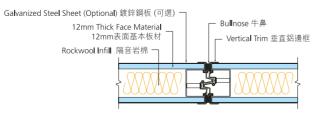
#### Wall Jamb 隔音門梃



#### Typical Panel Joint (Without Vertical Trim) 基本板結點 (無垂直邊框設計)



#### Typical Panel Joint (With Vertical Trim) 基本板結點 (有垂直邊框設計)



#### 600 Series Product Guide 600系列產品指南

	Partition Models 屛風型號	Partition Types 屏風類型		p Seals 密封模式 Retractable Seals 伸縮機動撐		om Seals 密封模式 Retractable Seals 伸縮機動撐	Vertical Trim 垂直鋁邊框	Max. Height 最大高度 (mm 毫米)	Max. Width of Single Opening 開放空間最大寬度 (mm 毫米)
	641	Omni-directional 多向式 Omni-directional (80mm bottom seal) 多向式 (80mm伸縮間距)	Optional 可選	Compulsory 必選	Optional 可選 	Compulsory 必選	Compulsory/ Optional 必選/可選	18300	Unlimited 無限
	642	Paired 單向式	Optional 可選	Compulsory 必選	Optional 可選	Compulsory 必選	Compulsory/   Optional   必選/可選	7500	Unlimited 無限
	643E	Electric Operation Continuously Hinged 電動串聯	Compulsory 必選	N/A (無)	Optional 可選	Compulsory 必選	Compulsory/ Optional 必選/可選	9200	36600

<sup>\*</sup> Information show is "standard". However, many products and features may be altered to meet specific job site requirements. Max. height for each panel is 13.2m. As product variation request, we can splice panels together to achieve taller height, and widen panel frame to achieve wider panel width (except 643E). Please contact HUFCOR staff for more details. 上述資料均為「標準數據」,但大多數產品皆可依不同工程現場及客戶需求進行修改。活動屏風的最大高度為13.2米。依照產品不同的規格,我們可以通過接駁做出更高的活動屏風,也可以加寬框架做出更寬的活動屏風(643E型號除外)。詳情可聯絡HUFCOR工作人員。

#### 600 Series STC & Hanging Weights 600系列隔音系數及屏風懸吊重量

Partition Models 屏風型號	Acoustic Ratings 隔音系數 (STC)	Approx. Hanging Weight 屏風懸吊重量 (kg/m² 公斤/平方米)
	54	53.2
644 / 649 / 649	51	46.0
641 / 642 / 643	49	41.2
	47	38.7
	43	37.8

#### 600 Series Stack Sizes 600系列收藏尺寸

Partition Models 屏風型號	Stack Sizes 收藏尺寸
641	108mm per panel (每片屏風) + 25mm
642	108mm per panel (每片屏風) + 25mm
643E	108mm per panel (每片屏風) + 216mm

<sup>\*</sup> Stack size shown is for retractable bottom seals. Use of optional face material may increase stack dimensions. 收藏尺寸以已安裝可伸縮底部機動撐的屏風計算。安裝不同的完成面會增加藏板間的深度。



### Panel Construction 屏風構造

- Panels are nominal 102mm in thickness and up to 1219mm in width. The single seamless panels are up to 13 meters high and panels can be lengthened up to 18.3m through splicing.
- 2mm welded, heavy-duty, galvanized steel frame supplied with integral factory applied aluminum vertical edge and face protection. Frame without protective vertical face trim is another option for a monolithic look.
- Acoustical faces are available on each side of the panel. They are made of either MDF, gypsum board or electro-galvanized steel plate assembled to provide appropriate acoustical performance that meet STC requirements.
- Frames are adaptable to paired panel or continuously hinged panel operations with recessed hinges protruding no more than 25mm and 6mm from face respectively.

- 屏風的標準厚度為102mm, 闊度1219mm。其單片無縫屏風 高度可達13米, 通過接駁更可達18.3米。
- 2mm鍍鋅鋼材機械焊接而成的框架,可選擇垂直保護邊框 可保護基本完成面,或選用無邊框設計以呈現無邊的完美效果。
- 屏風每邊均有隔音基本完成面,可選用MDF (中密度纖維 板)或石膏板或鍍鋅鋼板與隔音基底層組合來滿足STC隔音
- 屏風可選用單向式(雙片式)或串聯式,基本完成面的裝飾 面厚度分別不可大於25mm及6mm。

## Seal System 密封系統

- Vertical sound seals are of "tongue and groove" configuration to ensure panel-to-panel alignment and prevent sound leaks between panels.
- Four-finger horizontal sweep seals and retractable seals between panels and top supporting track can provide 25mm nominal operating clearance.
- Four-finger horizontal sweep seals and retractable seals between panels and floor can provide a range of 38mm nominal operating clearance to accommodate normal floor gradient. It is optional for deeper bottom clearances on a single omni-direction panel.
- Top and bottom horizontal seals can be operated simultaneously by a removable handle with a single crank action not requiring more than one turn on the spindle shaft.
- Top and bottom retractable seals not only stable the panels, but also exert at least 25kg upward and downward force when extended.

- 垂直壓縮嵌合式雙向牛鼻確保屏風之間緊密地接合,可有效 村絕漏音。
- 屏風與支撐路軌間的頂部4層隔音膠條和由機械操作的頂部 伸縮機動撐可提供25mm的常規伸縮空間。
- 屏風與地面間的底部4層隔音膠條和由機械操作的底部 伸縮機動撐可提供38mm的常規伸縮空間以適應地面的水平 高差。多向式屏風可以選擇加大底部伸縮間距。
- 屏風頂底部的伸縮機動撐均可通過180°旋轉操作活動手柄來 同時打開固定而無需多次重複地搖動手柄。
- 屏風頂底部的伸縮機動撐不但能穩固屏風,更有緊固隔音 封條的作用,提供不少於25公斤的密封壓力。

## Finishes 完成面

- Unfinished panels are available to accommodate field-applied 屏風可以半完成面的形式到達現場進行裝飾面加工。 finishing.
- Standard face finish can be gypsum board, MDF or steel face. Carpet fabric, wood veneers and other custom finishes are also available from the manufacturer's standard list of finishes.
- 屏風的標準完成除有石膏板、MDF (中密度纖維板)及鋼板 面外,也可選擇毛毯布料、木皮飾面或其他客戶所需的 完成面。

## Suspension System 懸掛系統

- Track consists of clear anodized architectural-grade aluminum alloy 6063-T6. Track incorporates alignment pins for positive alignment, is utilized for optimum sound control, and have integral support for adjoining ceiling, soffit, or plenum sound barrier.
- Track intersections must be designed and constructed to enable smooth operation. They are made from the same architectural-grade extruded aluminum similar to the regular track without variation in texture and colour,
- Track carriers are made with precision ground steel ball bearing wheels encased in molded polymer or precision steel tires to protect the running aluminum track surface.
- A selection of tracks, from aluminum track systems of Type 36, Type 40, Type 42E, Type 57 to steel track systems Type 11, all are available to accommodate the weight and function of the model selected.

- 路軌系統是由經陽極氧化處理的鋁合金(高密度標準建材 級別6063-T6,銀白色)壓制而成並由駁針固定接合調整成 直線來確保路軌有一個平穩、靜音操作及最大限度隔音的良好
- 駁口必須與直線路軌一樣由同種鋁合金壓制而成,確保屏風 通過駁口時能平穩過渡並有一個材質、結構及色彩均無變化 的整潔外觀
- 滑輪內部有精準的水平鋼珠設計軸承,外部有聚合材料或精準 鋼制的輪套來保護鋁合金路軌的內表面,使屏風運行平滑
- 600系列活動屏風可根據屏風的成品重量及功能選用36型 40型、42E型、57型鋁合金路軌或11型鋼鐵路軌。

## Partition System 屏風系統

- The lead panel has the option of being fixed into an acoustical wall jamb or complete with balloon vinyl seal without the need of a wall jamb.
- "Final closure" panel comes with an expandable jamb exerting a minimum of 110kg (250lbs) force to tighten the partition for optimum acoustics.
- Single or double inset pass doors of the same panel thickness are also available without the need for protruding door hardwares.
- 波膠板或隔音牆壁門梃裝置可使首片屏風與固定牆體密合。
- 末片屏風帶有的伸縮板裝置可發揮至少110公斤的密封壓力來 密合屏風從而實現最佳的隔音效果。
- 同樣厚度的單片或雙片門中門可供客戶選擇,而無需使用超出 厚度的門鎖五金配件。

### Acoustics 隔音性能

- The partition system has been tested by a recognized independent acoustical laboratory according to either ISO 140-3 or ASTM E90 standard for sound ratings.
- 屏風系統均通過一家公認的獨立聲學實驗室根據 ISO 140-3 或 ASTM E90的標準進行隔音測試。

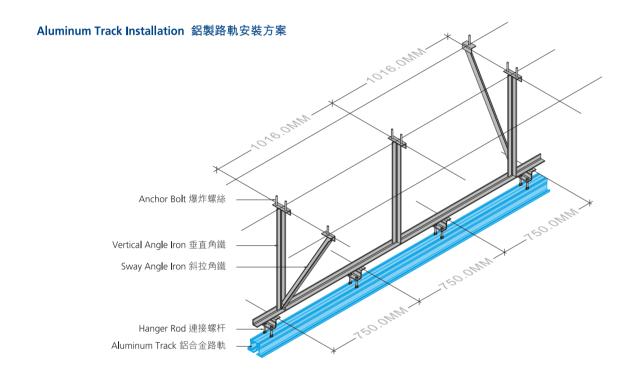
## Warranty 質量保證

- The partition system purchased and installed by the manufacturer's authorized agents shall be entitled to a warranty of two years against defects in material and workmanship.
- The steel frame shall be entitled to a 5-year warranty for free.
- 由赫福高或經赫福高生產許可認證的代理商處購買並安裝 的屏風系統均享有由工程竣工日起計兩年的保養期(包括 產品材料及生產工藝上的缺陷,人為損壞除外)。
- 鋼結構框架可享5年保養期。

## Track Systems 軌道系統

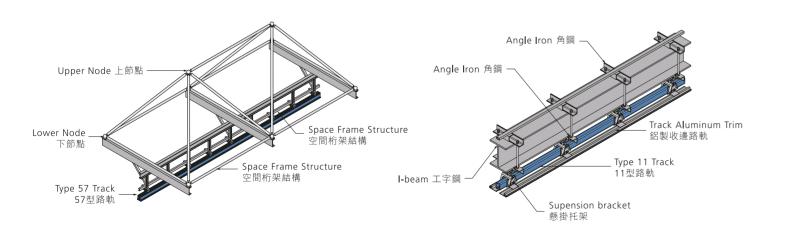
A high quality track system ensures that HUFCOR partitions will operate smoothly for years to come and assist in the quick set-up and storage of panels. All HUFCOR tracks have been rigorously tested for a minimum of 100 miles (approx. 14 years) of usage cycle time. Job requirements vary, which is why HUFCOR offers a wide selection of tracks to meet your operating requirements.

我們高品質的軌道系統能確保赫福高屏風順暢運行多年,並能快速地進行屏風的放置與收藏。所有的赫福高屏風路軌都經過嚴格的性能測試,確保屏風至少運行 100 英里 (161 公里),約 14 年的使用期限。赫福高有多種路軌以供選擇來滿足各種工程需求和您的營運所需,這也是我們的專利設計在行業中被反覆模仿的原因。



#### Space Frame Installation 空間桁架安裝方案

#### Steel Track Installation 鋼鐵路軌安裝方案

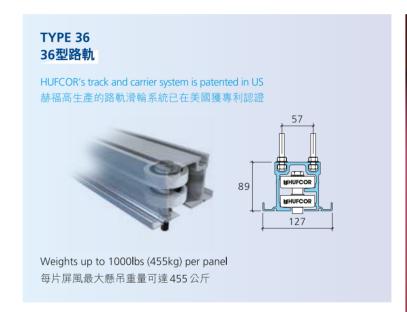


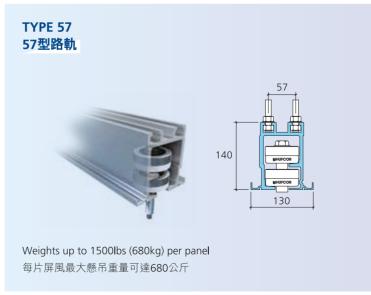
## Aluminum Track Systems 鋁合金路軌系統

#### Omni-Directional Panels 多向式屏風

Dual wheel trolleys that negotiate 90° turns, through X, L, and T intersections. Two carriers are provided per panel. Each carrier has two horizontal counter-rotating wheels that roll (not slide) in the track. Each wheel has precision-ground bearings, encased with Delrin<sup>TM</sup> for quiet operation. Carriers easily negotiate square or angled corners without switches.

每片多向式屏風配置的雙滑輪在通過 X 型、L 型及 T 型駁口時可90°轉彎。每個滑輪配有兩個水平反向旋轉輪在路軌中轉動(而不是滑動)。每個滑輪都有精密的內部軸承,外部有聚合材料的保護輪套來實現靜音操作。滑輪可順暢地在路軌方形或尖角轉彎處通行而無需開關控制。



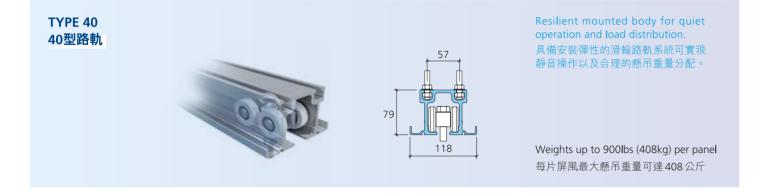




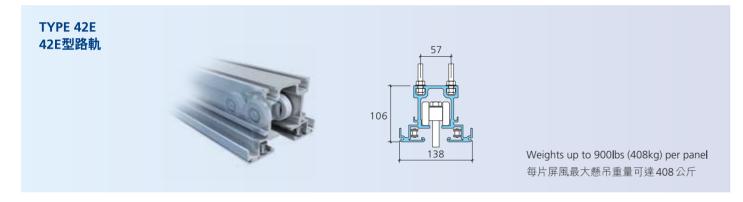
## Track Systems 軌道系統

#### Paired Panels 單向式屏風

One 4-wheeled carrier is provided per panel. Each wheel is made of molded polymer tires on hardened steel ball bearings. 每片單向式屏風配置一個四輪滑輪。每個滑輪都有精密的內部軸承,外部有聚合材料的保護輪套來實現靜音操作。



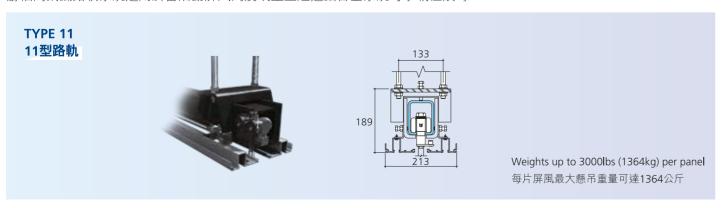
#### Electrical Panels 電動屏風



## Steel Track Systems 鋼鐵路軌系統

#### Omni-Directional, Paired and Electrical Panels 多向式、單向式及電動屏風

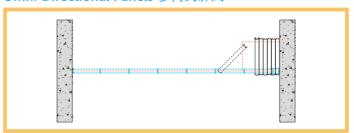
HUFCOR steel track is used when the partition height or weight limit exceeds that recommended for the aluminum system. 赫福高鋼鐵路軌系統適用於當活動屏風高度或重量超過鋁合金系統可承載極限時。



## Operable Partitions Types 活動屏風類型

#### 600 Series

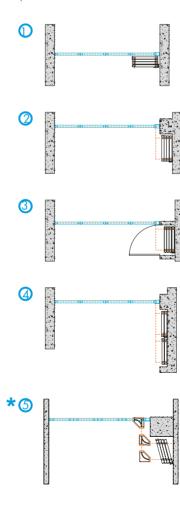
#### Omni-Directional Panels 多向式屏風



Omni-directional panels provide the ultimate flexibility to your operations because each individual panel can easily turn around corners and move to alternate locations or remote storage. Therefore, many different storage layouts can be created to fit your floor design and layout.

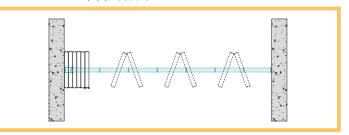
多向式屏風最大程度地體現了空間使用上的靈活性。每片屏風 可簡易快速地轉向、以不同角度設置在不同的位置或移動到距 離較遠的藏板間,因而可創造出多種藏板間佈局設計。

#### Storage Layout Options 藏板間佈局設計



\* Type 11 steel track only 只適用於11型路軌

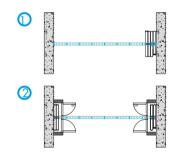
#### Paired Panels 單向式屏風



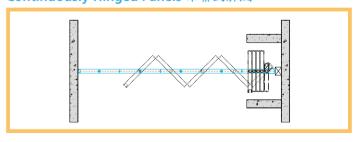
When remote storage is not required, the center-hung panels hinged in groups of two or three, are the ideal solution for quicker and easier set up, than omni-direction panels. Optional hinging is available to accommodate moldings or other decorations. Acoustical ratings are the same as omni-direction Panels.

當無需藏板間時,可選用配置單輪中心懸掛以鉸鏈連接兩片或三片為一組的單向式屏風,相較於多向式屏風而言是一種可快速、簡易設置的理想空間解決方案。選配的鉸鏈可容納邊角線或其他裝飾面。隔音系數與多向式屏風相同。

#### Storage Layout Options 藏板間佈局設計



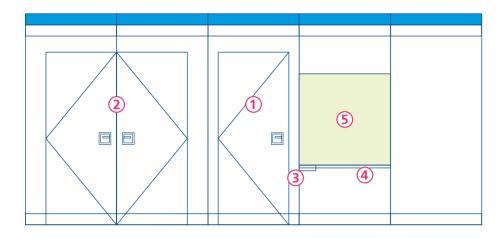
#### Continuously Hinged Panels 串聯式屏風



Continuously hinged panels are hinged together and move from wall to wall in a straight line. Electrically operated for fast, easy set-up.

串聯式活動屏風之間是用鉸鏈連結在一起,並以直線運行 移動。電動操控的好處在方便快速設置。 A variety of accessories and work surfaces are available to provide the functionality and aesthetics you need.

赫福高有多種屏風配件及工作用途完成面可供選擇來滿足您在功能和美觀上的需要。



- 1 Single Pass Door 單片門中門
- ② Double Pass Door 雙片門中門
- (3) Eraser Pocket 板擦槽
- 4 Recessed Chalk Tray 嵌入式筆槽
- (5) Work Surface: Tackboards / Dry Marker Board 釘板 / 書寫白板

#### Pass Door Features 門中門特色

HUFCOR's pass door has been designed to provide optimal in-field performance. Features include:

赫福高的門中門設計可提供最佳的場內使用效果。其特色包括:

- Rigid steel truss frame for durability
- Protective edge trim for durability and visual aesthetics
- Perimeter compression seals
- No exposed fasteners on inside of door frame
- Positive latching door hardware
- Automatic bottom seals with downward force to stabilize door in opening
- Door leaf compensates for floor variances with a field adjustable mechanical bottom seal

- 耐久、堅固的鋼製框架結構
- 耐久、美觀的防護邊飾
- 密合的邊框密封壓縮膠條
- 門框內部零件無外露設計
- 完美的門鎖五金配件
- 具有向下撐力的自動底撐以穩固開啟中的門
- 備有現場自動調整式底撐的門扇可彌補地面不同的變化



## Why HUFCOR? 為什麼選擇赫福高?

### 活動屏風必須隔音

赫福高是中國地區唯一擁有正規聲學測試實驗室的屏風品牌,我們在自己的聲學實驗室測試產品以確保能滿足或超出對外公布的隔音測試系數。我們的聲學測試實驗室是經由「美國國家義務計劃」(NVLAP)認可的,就像我們的ISO證書,是嚴格遵守規定經受定期檢查並通過的。

## Renovation and Repair

their strict regulations.

Partitions Must Control Sound

We test our products in our sound laboratory to make certain

they meet or exceed our published acoustical ratings. The

laboratory is certified by the National Voluntary Laboratory

Accreditation Program (NVLAP) and, like our ISO certification,

we undergo regular inspection to make certain we adhere to

Not only do we provide new products, we also offer retrofit service for HUFCOR products and those manufactured by others. Contact your local HUFCOR representative for a free assessment of your needs.

## Worldwide Availability

HUFCOR's US manufacturing facility is located at our headquarters in Janesville, Wisconsin. HUFCOR US, China, Hong Kong, Macau, Malaysia and Taiwan are providing our 600 Series product in their respective market for flexible space management. In addition to the 600 Series product, other HUFCOR partition lines are also available in Australia, Bangladesh, Brazil, Canada, China, Finland, France, Germany, Hong Kong, India, Indonesia, Japan, South Korea, Mexico, Malaysia, Macau, New Zealand, Philippines, Russia, South Africa, Singapore, Sri Lanka, Spain, Taiwan, Thailand, United Arab Emirates and Vietnam. Check our website for contact details in the respective location.

### 翻新和維修

我們不僅提供新產品,而且對赫福高及其他製造商的屏風 產品也提供改裝翻新服務。如果您有需要請與當地的 赫福高公司聯繫,我們將為您提供免費的需求分析。

### 全球化經營

赫福高總部坐落於美國威斯康辛州的占斯維爾。赫福高美國、中國、香港、澳門、馬來西亞及台灣市場均可提供靈活空間管理的600系列活動屏風產品。除600系列產品外,赫福高同時向澳洲、孟加拉、巴西、加拿大、中國、芬蘭、法國、德國、香港、印度、印度尼西亞、日本、韓國、馬來西亞、澳門、新西蘭、菲律賓、墨西哥、俄國、南非、新加坡、斯里蘭卡、西班牙、台灣、泰國、阿拉伯聯合酋長國和越南市場提供其他屏風系列產品。赫福高不單是具有百年歷史的活動隔音屏風產品製造商,更是屏風專業品牌中的佼佼者。多年來,一直穩佔全球屏風市場的領導地位,在同業中始終保持領先的優勢。我們的銷售點遍布全球,客戶可瀏覽公司網站選擇赫福高公司或經赫福高授權的經銷商購買產品。







600 Series













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Design & Technology Developed by HUFCOR in the USA 設計及技術來自美國赫福高