

Individual Panels

Bidirectional

Model SPS100-53R

DeWalls
AC Corp.

Panelflex

SPS10

PRODUCT BRIEF

OPERATING FEATURES.

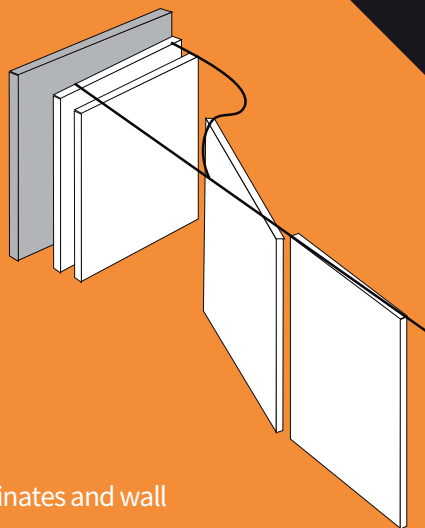
Panelflex Model SPS100-53R Individual panels, top supported by radial type, steel ballbearing wheels, move one panel at a time and are pre-programmed to make up openings and store the same way every time. Heights to 25" ft (7,62 mts).

ACOUSTICAL PERFORMANCE.

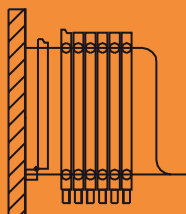
PanelflexSeries SPS8 operable walls have attained ratings of STC 53 and N.R.C. 0,55.

PANEL FINISHES.

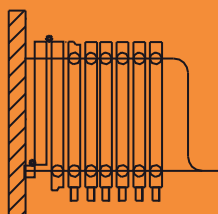
A full range of vinyl, panel fabric, wood veneers, high pressure llaminates and wall carpet as well as Customer's Own Materials is offered.



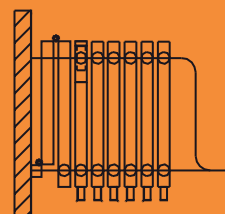
TYPES OF CLOSURES



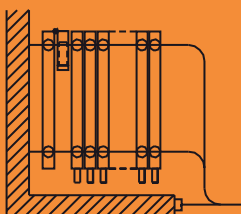
Single Panel- Used for openings through 8 panels.



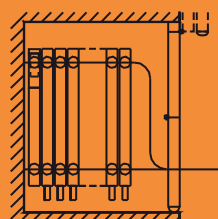
Bi-Fold Panels - used for openings with 9 through 20 panels.



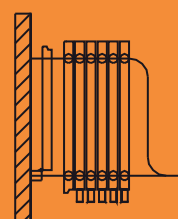
Single or Bi-Fold Panels, with Expandable Panel, used for openings through 20 panels.



Expandable Fly-Panel- used for offset openings or remote stack.



Expandable Panel - used to close to pocket doors.



Communicating Panel - used for openings through 19 panels for

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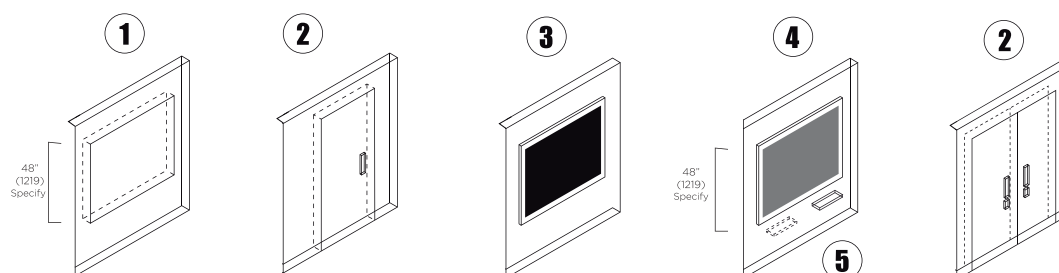
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ELEVATION



OPTIONS SPECIFICATIONS

- 1** WINDOWS where indicated on the plans shall be nominally (specify: 48" [1219] high; or full panel height). Windows shall be (specify: factory glazed with 1/4" (6) clear acrylic; or unglazed, framed opening only). Windows shall be bronze trimmed.
- 2** SINGLE PASS DOORS where indicated shall be nominally (specify: 3'0" [914]; or 2'8" [813]) wide by (specify: 6'8" [2032]; or 7'0" [2134]) high. Doors shall be manufactured of the same materials and thickness as the panels and be equipped with butt-type hinges and positive latches with drop cup and ring pulls. Double doors have roller latches. Options: deadbolt locks; self illuminated exit signs; hydraulic door closers; A.D.A. compliant friction roller latch with flush pulls.
- 3** TACKBOARDS where indicated shall be nominally (specify: 48" [1219]) high; or full panel height). Tackboards shall consist of 1/4" (6) cork surfaced with minimum 30oz per lineal yard Track A and Track E Fabritex vinyl fabric (color to be selected from manufacturer's standards) and bronze trimmed.
- 4** MARKERBOARDS where indicated shall be nominally (specify: 48" [1219] high; or full panel height) and be of suitable non-porous surfaced porcelain enameled steel for application of write-on, wipe-off marker pens. Color of markerboards to be selected from manufacturer's standards and bronze trimmed.
- 5** RECESSED TRAY for storing chalk or marking pens and erasers shall be installed where indicated and shall be bronze color.

FURTHER INFORMATION. All dimensions shown in parentheses are millimeters. **Panelflex Series SPS10** operable walls have three inch thick panels for general purpose applications and are supplied with clearance type bottom seal mechanisms that are actuated by a removable tool. Scale N.T.S.

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PRODUCT SPECIFICATIONS SECTION 10650 - OPERABLE

Part 1 I General

(See Project Guide Specifications for Scope, Related Work, References, Submittals, Product Delivery and Acceptable Manufacturers paragraphs.)

Part 2 I Products

2.1 OPERABLE WALLS shall be manufactured by DeWalls, Corp. Dallas, Texas, U.S.A. and installed by an authorized representative of the manufacturer in openings prepared by others to Panelflex Series SPS10 requirements.

2.2 OPERATION shall consist of a series of manually operated flat panels, top supported. Top and bottom seals shall be as specified in paragraph

2.3 PANEL CONFIGURATION shall be as follows for areas indicated on the plans:

2.3.1 MODEL SPS100-53R shall be comprised of a series of multi-directional individual panels, side or remote stacking (located in room(s)).

2.3.2 Final closure shall be effected by (specify: Jamb-Hinged single or bi-fold Panels; Expandable Panels; or Jamb-Hinged Communicating Panels).

2.4 PANELS shall be 100 thick and nominally 48" 5/8 (1235) wide. Panel faces shall be laminated to metal frames. Panels shall have appropriate internal insulation to achieve specified STC. The tops of the panels shall be reinforced to support suspension components.

The vertical edges of the panels shall not require trim thus minimizing the appearance of the vertical joining of the Sheer-Look panels.

2.5 PANELS shall be factory surfaced with one of the following (colors to be selected from manufacturer's standards):

2.5.1 Manufacturer's standard vinyl, Class A flame spread (specify Track A; or Track E).

2.5.2 Manufacturer's standard Ribtex Basic, vertical-rib wall carpeting, Class A.

2.5.3 Manufacturer's Woventex panel fabric, Class A, acrylic latex backed.

2.5.4 Maharam Tekwall panel fabric, Class A, acrylic backed.

2.5.5 Genuine unfinished wood veneer shall be (specify: WhiteAsh, Red Oak, Natural Birch, American Walnut or other species as specified).

2.5.6 High pressure laminate, vertical grade.

2.5.7 Customer's Own Material to be factory applied (subject to approval by the manufacturer for suitability to standard manufacturing processes and equipment).

2.5.8 Unsurfaced panel skins for field finishing by others.

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ACOUSTICAL OPERABLE WALLS • VERTICAL LIFT WALLS • ACOUSTIC WOOD PANELS

DeWalls AC Corp

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PRODUCT SPECIFICATIONS SECTION 10650 - OPERABLE

Part 2 I Products

- 2.6 **HANGING WEIGHT** of panels shall not exceed 11,24 lbs/ft (55 kg/m2).
- 2.7 **ACOUSTICAL RATING** as tested by an independant acoustical laboratory in accordance with ASTM E90-81 test procedures in a full scale 14' 0" (4267) by 9' 3" (2819) opening shall be (specify: STC 53). Optional N.R.C. 0,55.
- 2.8 **SOUND SEALS** shall be as follows:
- 2.8.1 Vertical seals between panels shall deep nesting, universal interlocking ESP consist of deep nesting, universal interlocking ESP bronze steel astragals incorporating continuous, vinyl acoustical seals. Vertical astragal vinyl seals shall be installed on the outboard edges of the panel skins in a double row with an acoustical labyrinth.
- 2.8.2 TOP seals Active/Passive shall be (specify:continuous contact extruded vinyl shapes; or clearance type, automatically actuated; or clearance type, manually actuated).
- 2.8.3 BOTTOM seals Active shall be 1 1/2" (38) clearance-type automatically actuated by the movement of one panel against the other; or 1 1/2" (38) clearance-type manually actuated at waist height on panel edges). Downward pressure of all clearance-type seal mechanisms shall assure an acoustical seal and resist panel movement.
- 2.9 **ACOUSTICAL WALL PANELS** shall be provided where shown on the plans. Acoustical panels shall have obtained an NRC .75 rating per ASTM 423. Panels shall be provided with quick mounting and dis-mounting hardware requiring no tools. Acoustical transparent fabric to be selected from manufacturer's standards.
- 2.10 **SUSPENSION SYSTEM** shall be heavy duty aluminum Track A or Track E. Track shall be supported by (specify: adjustable steel hanger rods; or direct mount). Panels shall be supported by trolley assemblies of radial type nylon tired or carbon fiber fill tired, steel ball-bearing wheels. Trolleys shall be attached to the panels with adjustable steel pendant bolts with locks to prevent panel misalignment.
- 2.11 **PANELS** that are hinged together shall be hinged with manufacturer's standard butt-type hinges.
- 2.12 **POCKET DOORS (Sided, parallel, remote)** where indicated on the plans shall be manufactured of the same materials as the panels. Hinges shall be standard butt-type.

Part 3 I

EXECUTION (See Project Guide Specifications for Execution, Installation, Cleaning and Demonstration paragraphs).

Note:

The ASTM - 84 procedure Class A flame spread and other test results referenced herein are for comparison purposes only and are not intended to reflect hazards presented by this or any other materials under actual fire conditions.

For further information, or additional technical information, contact your DeWalls distributor.

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