LAMP®

STACKABLE PARTITION DOOR SYSTEM (PERPENDICULAR STACKING DOUBLE PARTITION)

INSTRUCTION

FDPN40V2D

A sliding partition door system that sits as flat as the wall. Simply sliding the panels open or closed can change the layout of an interior. The panels slide with reliable smoothness.
Perpendicular stacking double panel type enabling corner partitioning. The panels fit perpendicularly when stacked.
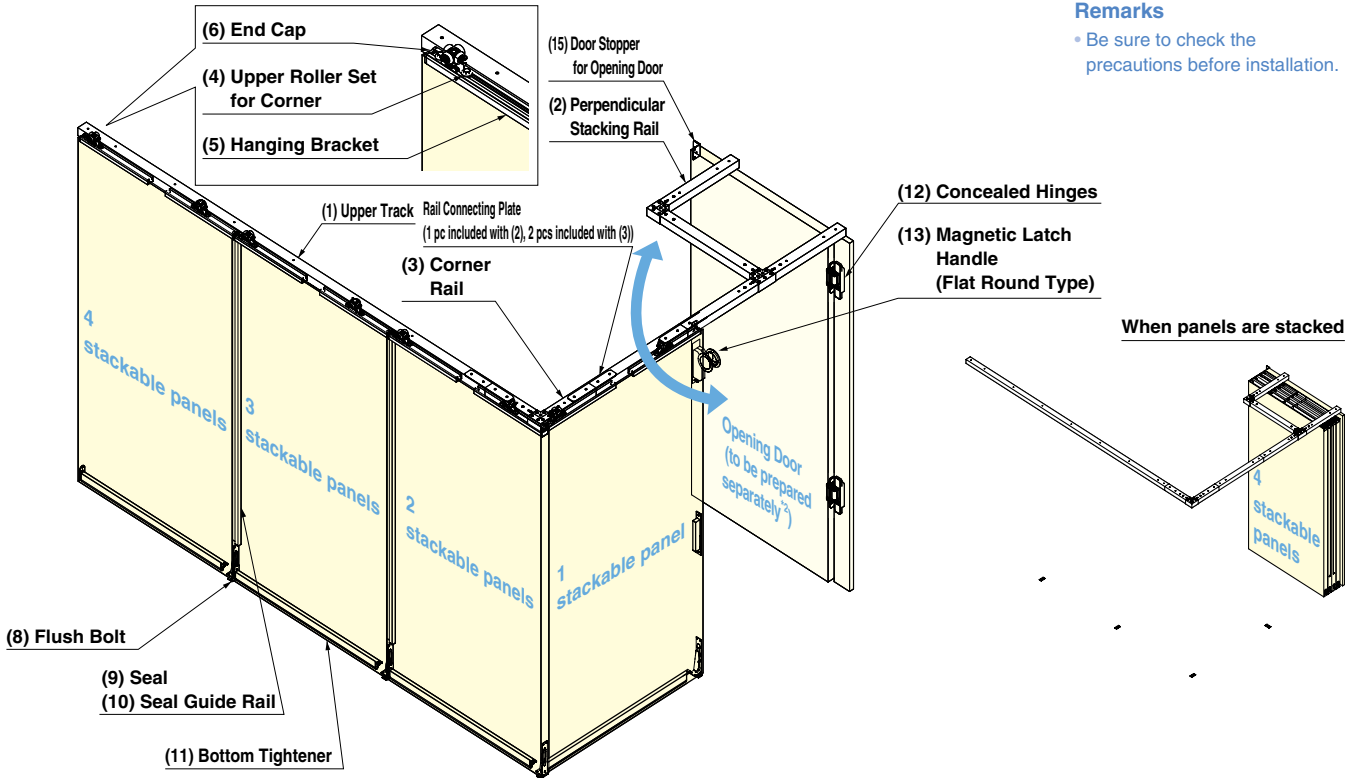
Panel Size (Per Panel)

34 - 40 mm
Maximum 2500 mm

Weight: Maximum 40 kg

Opening door: Maximum 900 mm**
Stackable Panel:500 - 900 mm

Adjustment

−0 mm
+7 mm

*1 When using the optional part HES3D-V135LGR.

Remarks
• Be sure to check the precautions before installation.

When panels are open
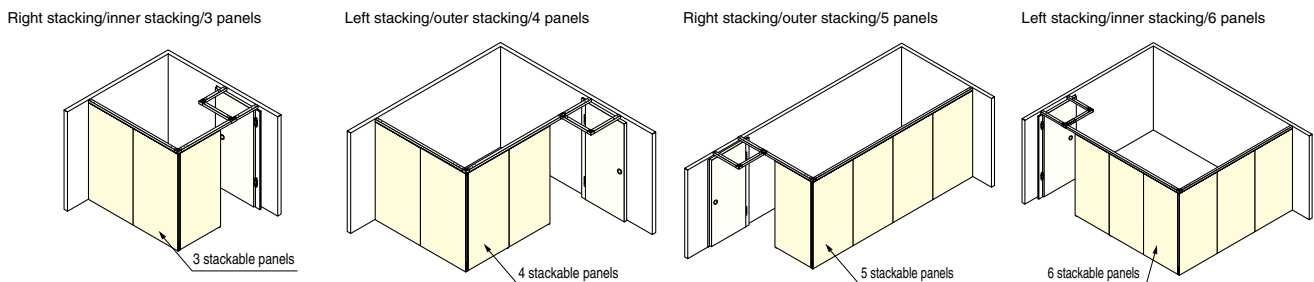The drawing shows four right stacking/inner stacking panels. (Opening door to be prepared separately)

(6) End Cap
(4) Upper Roller Set for Corner
(5) Hanging Bracket
(15) Door Stopper for Opening Door
(2) Perpendicular Stacking Rail
(1) Upper Track
Rail Connecting Plate (1 pc included with (2), 2 pcs included with (3))
(3) Corner Rail
(12) Concealed Hinges
(13) Magnetic Latch Handle (Flat Round Type)

4 stackable panels
3 stackable panels
2 stackable panels
1 stackable panel

Opening Door (to be prepared separately*²)

When panels are stacked

4 stackable panels

(8) Flush Bolt
(9) Seal
(10) Seal Guide Rail
(11) Bottom Tightener

Installation Example
See Stacking Variations for other types of stacking. You'll also find an explanation of left stacking, right stacking, inner stacking and outer stacking.

Right stacking/inner stacking/3 panels | Left stacking/outer stacking/4 panels | Right stacking/outer stacking/5 panels | Left stacking/inner stacking/6 panels

3 stackable panels | 4 stackable panels | 5 stackable panels | 6 stackable panels

Standard Part List
*² The fixture for the opening door is an optional item. It is not included in the set of parts.

Parts Number of Panels Item Code Item Name	Stacking Type	Necessary Parts (Selectable)			Necessary Parts			
		(1) Upper Track	(2) Perpendicular Stacking Rail Rail Connecting Plate 1 pc Left stacking Right stacking	(3) Corner Rail Rail Connecting Plate 2 pcs	(4) Upper Roller Set for Corner With cap No cap 250-037-223 FDPN40-QRC	(5) Hanging Bracket 2 pcs FDP40-DTR	(6) End Cap for Hanging Bracket The part set is black. White is also available. 250-121-142 FD70B-EC-BL	(7) Adjustment Spanner (for Upper Roller Set) 250-017-168 FD30-FSP
3 pcs	Left Storage/ Right Storage	See "How to Select" for details on the necessary quantity and types. In addition to choosing between left and right stacking for the upper track and stacking rail, there is a variety of lengths and depths, and different products should be chosen depending on the width and number of panels.						
4 pcs								
5 pcs								
6 pcs								

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Sample Stacking Dimensions
The drawing shows four right stacking/inner stacking panels.

Rail Connecting Plate (1 pc included with (2), 2 pcs included with (3); (16))
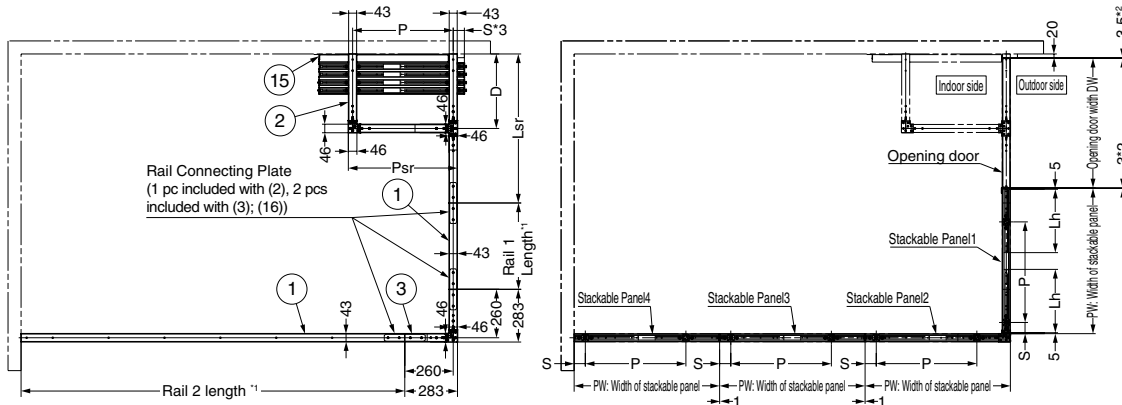
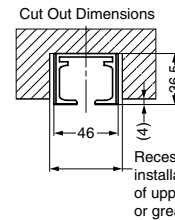*1 If one rail is not long enough, extend it with another upper track (1) and Rail Connecting Plate (16).

When panels are stacked

*2 The specifications of the opening door are those applicable when using the HES3D-V135 Concealed Hinges

*3 The S dimension is a minimum of 60. This dimension differs as below depending on the panel width. See "How to Select" for details on the stacking rail and hanging bracket.
· When 500 ˜ Panel Width PW ˜ 580: S = 60
· When 580 < Panel Width PW ˜ 700: S ° PW - 520
  (60 is also possible by using the FDP40-DTR340 hanging bracket instead of FDP40-DTR240 and cutting it.)
· When 700 ˜ Panel Width PW ˜ 780: S = 60
· When 780 < Panel Width PW ˜ 900: S ° PW - 720

Seal length = PH-200
Length of Seal Guide Rail = PH-182
Panel height PH = RH-20
Opening Height: RH
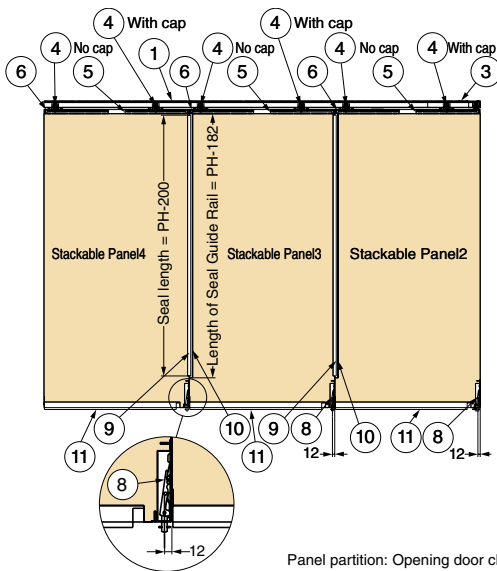
Panel partition: Opening door closed

*See the pages for each product for panel machining details.

Cut Out Dimensions

Recessing width of installation surface of upper track 52 or greater

Recessing width of installation surface of upper track

No. of Panels	Width of applicable stackable panel	Storage Rail Dimensions				Hanging Bracket Dimensions
		P	D	Psr	Lsr	Lh
3 - 4	500 - 700	340	400	386	660	240
	700 - 900	540		586	800	340
5 - 6			540			

Optional Parts

*Parts such as the stacking rail and hanging bracket differ depending on the number and width of panels. See "How to Select" for details.

Parts / Number of Panels	(8) Flush Bolt	(9) Seal (Black) White is also available.	(10) Seal Guide Rail (Black) White is also available.	(11) Bottom Tightener (Door Width 600-800) A type for door widths of 800-1000 is also available. (Other sizes are made to order.)	(12) Concealed Hinge	(13) Magnetic Latch Handle (Flat Round Type)	(14) Magnetic Latch Handle (Flat Square Type)	(15) Door Stopper for Opening Door	(16) Rail Connecting Plate	(17) End Plate for Upper Track and Stacking Rail (Silver) Amber and white are also available.
Item Code / Item Name	250-024-525 FDP40-DBL150HL	250-024-526 FDP40-DSP2500BL	250-024-527 FDP40-DSPU2500BL	250-024-528 FDP40-DBT800	170-020-804 HES3D-V135LGR	260-024-534 MLH-SN	260-028-998 MLHS-SN	250-024-535 FDP40V-DTST	250-025-761 FDP40-TRMS-CP	250-029-723 FDP40-TREP-SL
3 pcs	3 pcs	1 pc	1 pc	3 pcs	2 - 3 pcs	1 pc	1 pc	1 pc	–	–
4 pcs	4 pcs	2 pcs	2 pcs	4 pcs						
5 pcs	5 pcs	3 pcs	3 pcs	5 pcs					1 pc	
6 pcs	6 pcs	4 pcs	4 pcs	6 pcs						

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