

# PRODUCT CATALOG

HINGED DOOR SYSTEMS

## FRAME MOUNTED DOORS



Regardless of the application, the right door on a shelving system or cabinet can make all the difference when it comes to safety and security.

Spacesaver's Frame Mounted Doors are manufactured for use in conjunction with Spacesaver's 4-post and case-type shelving. The frame-mounted doors use a separate 4-sided frame that requires drilling into the shelving uprights, providing improved rigidity and a variety of door panel options.

The versatility of these doors offer a seamless integration into a variety of static and mobile applications of 4-post and case-type shelving—creating limitless storage solutions for any industry, market, or function.



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## SPACESAVER HINGED DOOR SYSTEMS COMPARISON MATRIX

	SINGLE-WALL Frame-mounted Door	DOUBLE-WALL Frame-mounted Door	WINDOW Frame-mounted Door
<b>DOOR CONSTRUCTION</b>			
18-Gauge Steel		●	●
20-Gauge Steel	●		
<b>DOOR PANEL TYPE</b>			
Solid Panel	●	●	
Diamond Perforated Offset (double perforation)		●	
Diamond Perforated Aligned (double perforation)		●	
Diamond Perforated (single perforation)			●
Round Perforated (single perforation)			●
Louvered		●	
Glass Window			●
Acrylic Window			●
<b>LOCK OPTIONS</b>			
No Lock (magnetic catches only)	●	●	●
Hasp for Padlock		●	●
Key Lock with 2-Point Cam Lock	●		
Key Lock with 3-Point Cam Lock		●	●
Electronic Lock with 2-Point Cam Lock	●		
Electronic Lock with 3-Point Cam Lock		●	●
<b>HANDLE OPTIONS</b>			
Full-height Flush Handle	●		
Recessed Plastic Door Handle		●	●
ADA Closed-loop Handle		●	●
<b>HINGE OPTIONS</b>			
Lift-off Style Pin Hinge	●	●	●
<b>OTHER FEATURES</b>			
Door Rigidity	Better	Premium	Best
Drilling into Uprights Required	●	●	●
Multi-tier (stacked) Configurations	●	●	●



## FRAME-MOUNTED DOORS

### DESCRIPTION

- Frame-mounted doors are a complete line-up of doors for static or mobile 4-post and case-type shelving
- This line-up includes three main door types: single-wall, double-wall, and window with each offering its own distinctive door panel types and feature sets
- The frame-mounted doors install on 4-post and case-type shelving using a separate 4-sided frame that attaches to the front of the shelving using self-drilling screw fasteners. One catalog number is for both the door set and the corresponding door frame assembly



SINGLE-WALL



DOUBLE-WALL



WINDOW

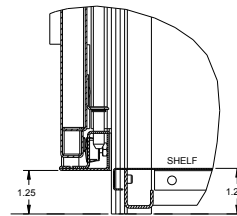
### FRAME-MOUNTED DOOR TYPES

- **SINGLE-WALL** is manufactured with single-wall 20-gauge steel and is available in the following door panel types:
  - Solid steel panel
- **DOUBLE-WALL** is manufactured with double-wall 18-gauge steel and is available in the following door panel types:
  - Solid external panel with a solid internal panel
  - Diamond perforated external panel with a diamond-offset internal panel (double perforation)
  - Diamond perforated external panel with a diamond-aligned internal panel (double perforation)
  - Louvered external panel with a pegboard hole internal panel
- **WINDOW** is manufactured with double-wall 18-gauge steel and is available in the following door panel types:
  - Diamond perforated panel (single perforation)
  - Round perforated panel (single perforation)
  - Laminated glass panel
  - Acrylic panel



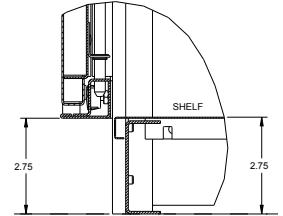
## DOOR SIZES

- Width
  - Minimum = 24"
  - Maximum = 48"
  - Width available in 1" increments
  - Width based on double door width
- Height
  - Minimum = 16.5"
  - Maximum = 99"
  - Static and standard mobile, Door Frame Height = Upright Height – 1.25" (see Figure 1a)
  - Wheelhouse Mobile, Door Frame Height = Upright Height – 2.75" (see Figure 1b)
  - Height available in 1.50" increments
- Width and height dimensions are referring to door frame width and height
- Door frame size is independent of shelving depth, allowing any shelving depth to be compatible with the door frame
- All frame-mounted doors are available in double doors
- Door frame size is independent of shelving's upright height. The doors can be shorter in height—e.g. stacked door configurations, but doors cannot be taller than the height of the shelving uprights



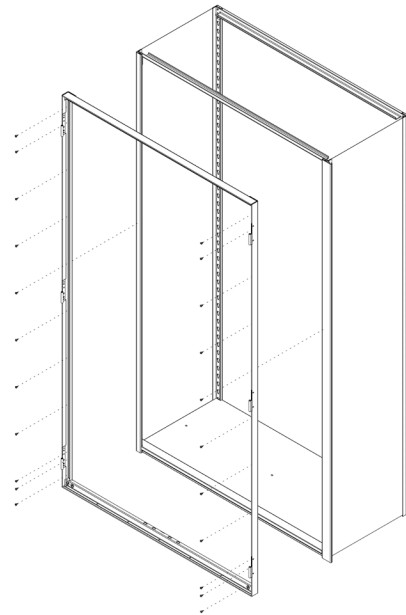
STATIC & STANDARD MOBILE  
BASE CLEARANCE

Figure 1a



WHEELHOUSE® MOBILE  
BASE CLEARANCE

Figure 1b

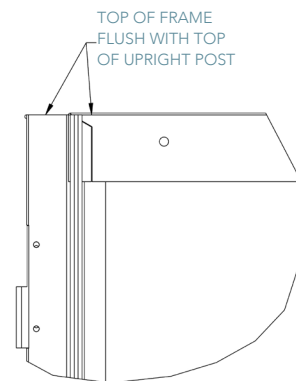


SEPARATE 4-SIDED  
FRAME ATTACHES TO  
THEFRONT OF 4-POST  
AND CASE-TYPE  
SHELVING USING  
SELF-DRILLING SCREWS

Figure 2

## DOOR FRAME

- A separate 4-sided frame attaches to the front of 4-post and case-type shelving using self-drilling screws (see Figure 2)
- The top of the frame is flush with the top of the 4-post upright (see Figure 3)
- The bottom of the frame is 1.25" from the bottom of the 4-post upright—for both static and standard mobile applications (See figure 1a)
- There are no seals between the frame and doors



PARTIAL SIDE ELEVATION

Figure 3



- Door frame with the hinge protrudes approximately 1.75" beyond the front face of the shelving uprights (see Figure 4)
- The four-sided frame is the same design for all door types included within the frame-mounted doors product line-up

## DOOR HINGE

- Hinge protrudes approximately 0.3" beyond the face of the door (see Figure 4)
- Doors mount to the separate 4-sided frame using lift-off style pin hinges (see Figure 5)
- Number of hinges used is dependent on door height
  - 16.5"– 39" door frame height to use two hinges
  - 40.5"– 85.5" door frame height to use three hinges
  - 87"– 99" door frame height to use four hinges

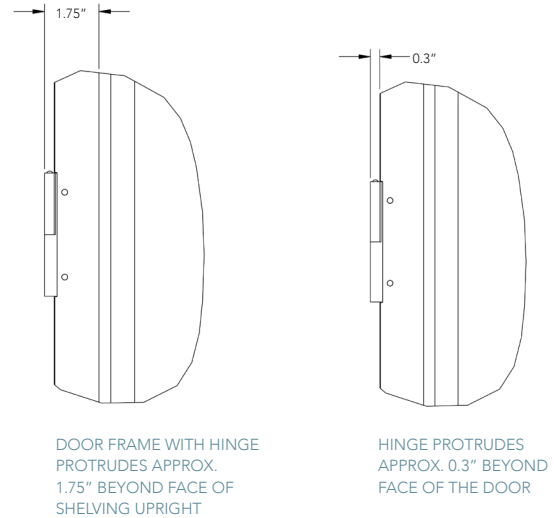


Figure 4

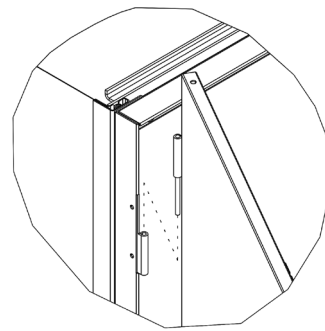


Figure 5

## DOOR TIER CONFIGURATIONS

- Frame-mounted doors are available in single tier or multiple tier (stacked) configurations (see Figure 6)
- For stacked configurations, each door tier requires its own door/frame assembly and components
- Each tier must maintain the frame width and frame height size conditions as noted above under "Door Sizes"
- In addition to single- and multi-tier configurations, frame-mounted doors can be placed anywhere along the height of the shelving upright (1.5" increments)



Figure 6





## DOOR HANDLE TYPES

- Full-height flush handle (single-wall)
- Recessed plastic handle (double-wall and window). Handle is black matte finish
- Optional ADA compliant closed-loop handle (double-wall and window). Closed-loop handle is black powder-coated cast aluminium, and protrudes approximately 2.20" beyond the face of the door (see Figure 7)

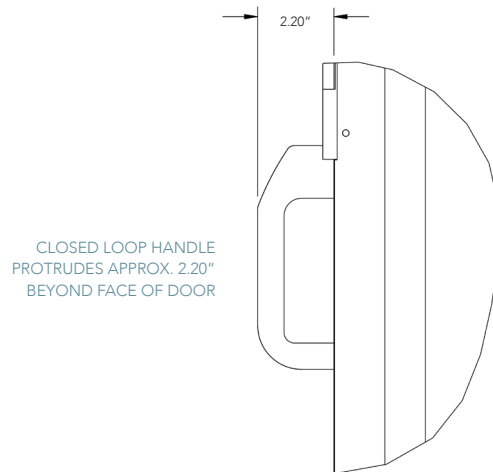


Figure 7

## DOOR LOCK TYPES

- No lock (single-wall, double-wall, and window)
- Hasp loop for padlock (double-wall and window)— includes a lock rod on the inside left door that engages with the frame. Hasp loop protrudes approximately 0.60" beyond the face of the door (see Figure 9)
- Key lock (single-wall, double-wall, and window)
  - Keyed alike
  - Keyed different
- Electronic lock with optional infrared control key (single-wall, double-wall, and window)
- All options include magnetic catches on the door top and bottom to keep the doors closed without locking
- For images of the available lock types and the magnetic catches, please see Figure 8



Figure 8

## PAINT COLORS

- All 4-post shelving and UWR® colors are available

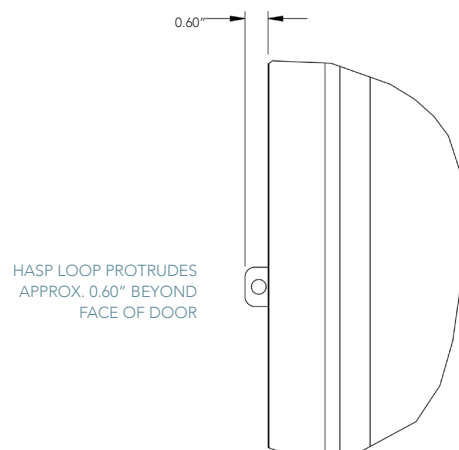


Figure 9





## SINGLE-WALL FRAME-MOUNTED DOOR



SINGLE-WALL  
FRAME-MOUNTED DOOR  
WITH ELECTRONIC LOCK



# SINGLE-WALL

## SINGLE-WALL FRAME-MOUNTED DOOR (FHDS)

NOTES

STEP 1: CHOOSE WIDTH & HEIGHT		FHDSWWHH				
NOMINAL WIDTH (WW)		24	30	36	42	48
DOOR FRAME WIDTH		24"	30"	36"	42"	48"
NOMINAL HEIGHT (HH)		40	64	76	88	100
UPRIGHT HEIGHT		40.25"	64.25"	76.25"	88.25"	100.25"

NOTES

- Width refers to the door frame width. Height refers to the upright height
- Minimum width for single-wall doors is 24". Maximum width for single-wall doors is 48". Widths available in 1" increments
- Minimum height for single-wall doors is 16.5". Maximum height for single-wall doors is 99". Heights available in 1.50" increments. For static and standard mobile Door Frame Height = Upright Height – 1.25". For Wheelhouse® Mobile storage system, Door Frame Height = Upright Height – 2.75". Doors will be priced based on the door sizes listed in the above size chart. If the width and height selected are between pricing markers, doors will be priced up

STEP 2: CHOOSE LOCK TYPE		FHDS__WWHH				
	KEYED (K)		ELECTRONIC (E)			
		(FHDSWWHH)				
					NO LOCK	(FHDSWWHH)

NOTES

- If keyed or electronic lock are not selected, no lock is the default
- Select "keyed" as a lock type for "keyed alike" and "keyed different." Keyed alike and keyed different options can be selected within Configura
- 2-point cam lock with 0.25" diameter lock rods used for the key lock and the electronic lock— providing top and bottom frame engagement
- Optional infrared control key available with the electronic lock



## DOUBLE-WALL FRAME-MOUNTED DOORS



LEFT:  
DOUBLE-WALL FRAME-MOUNTED DOOR WITH  
ALIGNED DIAMOND PERFORATION PANEL TYPE

BELOW LEFT TO RIGHT:  
DOUBLE-WALL FRAME-MOUNTED DOOR WITH  
LOUVERED PERFORATION PANEL TYPE

DOUBLE-WALL FRAME-MOUNTED DOOR WITH  
SOLID PANEL TYPE

DOUBLE-WALL FRAME-MOUNTED DOOR WITH  
OFFSET DIAMOND PERFORATION PANEL TYPE



## DOUBLE-WALL

### DOUBLE-WALL FRAME-MOUNTED DOOR (FHDD)

#### STEP 1: CHOOSE WIDTH & HEIGHT

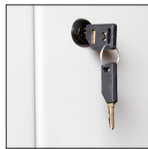
FHDDWWHH					
NOMINAL WIDTH (WW)	24	30	36	42	48
NOMINAL HEIGHT (HH)	40	64	76	88	100
UPRIGHT HEIGHT	40.25"	64.25"	76.25"	88.25"	100.25"

#### NOTES

- Width refers to the door frame width. Height refers to the upright height
- Minimum width for single-wall doors is 24". Maximum width for single-wall doors is 48". Widths available in 1" increments
- Minimum height for single-wall doors is 16.5". Maximum height for single-wall doors is 99". Heights available in 1.50" increments. For static and standard mobile Door Frame Height = Upright Height – 1.25". For Wheelhouse® Mobile storage system, Door Frame Height = Upright Height – 2.75". Doors will be priced based on the door sizes listed in the above size chart. If the width and height selected are between pricing markers, doors will be priced up

#### STEP 2: CHOOSE LOCK TYPE

FHDD\_WW HH



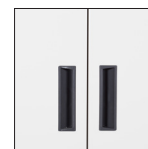
KEYED (K)  
(FHDDKWWHH)



ELECTRONIC (E)  
(FHDEWWHH)



HASP (H)  
(FHDDHWWHH)



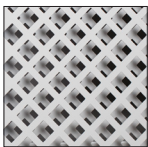
NO LOCK  
(FHDDWWHH)

#### NOTES

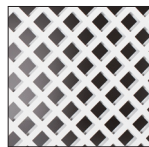
- If keyed lock, electronic lock, or hasp are not selected, no lock is the default
- Select "keyed" as a lock type for "keyed alike" and "keyed different". Keyed alike and keyed different options can be selected within Configura
- Doors with a height greater than 21.73" will use a 3-point cam lock with lock rods that engage with the top and bottom frame and a third point at the middle where the door locks. Applies to both the keyed lock and the electronic lock
- Doors with a height less than or equal to 21.73" will use a 2-point cam lock with a bottom lock rod that engages with the bottom frame and a second point at the middle where the door locks. Applies to both the keyed lock and the electronic lock
- Optional infrared control key available with the electronic lock
- Hasp protrudes approximately 0.6" beyond the face of the door

#### STEP 3: CHOOSE PANEL TYPE

FHDDKWWHH\_



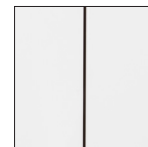
DIAMOND PERFORATION  
OFFSET (P)  
(FHDDKWWHHP)



DIAMOND PERFORATION  
ALIGNED (P)  
(FHDDKWWHHP)



LOUVERED  
PERFORATION (P)  
(FHDDKWWHHP)



SOLID  
(FHDDKWWHH)

#### NOTES

#### STEP 4: CHOOSE HANDLE TYPE

FHDDKWWHHP\_



CLOSED-LOOP (CL)  
(FHDDKWWHHPCL)



RECESSED  
(FHDDKWWHHP)

#### NOTES

- If closed-loop door handle is not selected, recessed handle is the default
- Closed-loop door handle protrudes approximately 2.20" beyond the face of the door
- Please note— for the part numbers below each handle type in this step, keyed lock was selected in Step 2 and perforation panel was selected in Step 3. Omit the K if no lock is desired, or replace with desired lock type value. Omit the P if solid panel is desired



## WINDOW FRAME-MOUNTED DOORS



LEFT:  
WINDOW FRAME-MOUNTED DOOR WITH  
GLASS PANEL TYPE

BELOW LEFT TO RIGHT:  
WINDOW FRAME-MOUNTED DOOR WITH  
ROUND PERFORATION PANEL TYPE

WINDOW FRAME-MOUNTED DOOR WITH  
ACRYLIC PANEL TYPE

WINDOW FRAME-MOUNTED DOOR WITH  
DIAMOND PERFORATION PANEL TYPE





## WINDOW

### WINDOW FRAME-MOUNTED DOOR (FHDW)

#### STEP 1: CHOOSE WIDTH & HEIGHT

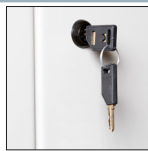
FHDW_WWHH					
NOMINAL WIDTH (WW)	24	30	36	42	48
DOOR FRAME WIDTH	24"	30"	36"	42"	48"
NOMINAL HEIGHT (HH)	40	64	76	88	100

#### NOTES

- Width refers to the door frame width. Height refers to the upright height
- Minimum width for single-wall doors is 24". Maximum width for single-wall doors is 48". Widths available in 1" increments
- Minimum height for single-wall doors is 16.5". Maximum height for single-wall doors is 99". Heights available in 1.50" increments. For static and standard mobile Door Frame Height = Upright Height - 1.25". For Wheelhouse® Mobile storage system, Door Frame Height = Upright Height - 2.75". Doors will be priced based on the door sizes listed in the above size chart. If the width and height selected are between pricing markers, doors will be priced up

#### STEP 2: CHOOSE LOCK TYPE

FHDW\_WWHH



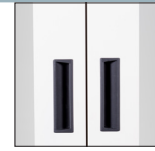
KEYED (K)  
(FHDWKWWHH)



ELECTRONIC (E)  
(FHDWEWWHH)



HASP (H)  
(FHDWHWWHH)



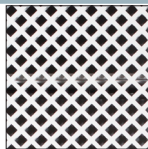
NO LOCK  
(FHDW\_WWHH)

#### NOTES

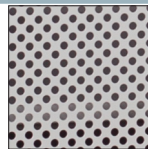
- If keyed lock, electronic lock, or hasp are not selected, no lock is the default
- Select "keyed" as a lock type for "keyed alike" and "keyed different." Keyed alike and keyed different options can be selected within Configura
- Hasp protrudes approximately 0.6" beyond the face of the door
- Doors with a height greater than 21.73" will use a 3-point cam lock with lock rods that engage with the top and bottom frame and a third point at the middle where the door locks. Applies to both the keyed lock and the electronic lock
- Doors with a height less than or equal to 21.73" will use a 2-point cam lock with a bottom lock rod that engages with the bottom frame and a second point at the middle where the door locks. Applies to both the keyed lock and the electronic lock
- Optional infrared control key available with the electronic lock

#### STEP 3: CHOOSE PANEL TYPE

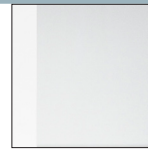
FHDWKWWHH\_



DIAMOND PERFORATION (P)  
(FHDWKWWHHP)



ROUND PERFORATION (P)  
(FHDWKWWHHP)



GLASS (G)  
(FHDWKWWHHG)



ACRYLIC (Y)  
(FHDWKWWHHY)

#### NOTES

#### STEP 4: CHOOSE HANDLE TYPE

FHDWKWWHHP\_



CLOSED-LOOP (CL)  
(FHDWKWWHHPCL)



RECESSED  
(FHDWKWWHHP)

#### NOTES

- If closed-loop door handle is not selected, recessed plastic handle is the default
- Closed-loop door handle protrudes 2.20" beyond the face of the door
- Please note— for the part numbers below each handle type in this step, keyed lock was selected in Step 2 and perforation panel was selected in Step 3. Omit the K if no lock is desired, or replace with desired lock type value. Replace the P with another panel type, if desired





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