The Concept
The CoreSTOR™ patient server storage system is designed to provide storage in close proximity to the point of need – 80% of the supplies needed, within ten steps of where they are needed.

While hidden when stowed, thanks to its pull-out functionality, the CoreSTOR patient server can be accessed from multiple points of entry for either restocking or obtaining supplies for use (i.e. a door inside the patient room for nurse access, and a door into the hallway for materials management access).

Types of Base Carriage Units
All units consist of a manual aluminum cantilever base carriage with a slide supported suspension system and built-in smooth stopping.

NOTES:
• Store sterile supplies, linens, pharmaceuticals, etc.
• Install close to work area, anchoring according to Spacesaver specifications.
• Mechanical parts do not contact floor or walls.
• Widths/Depths of: 15"; 24"; 28".
• Lengths of: 24", 30", 33.7", 36".
• Maximum media and shelving weight per carriage is 300 pounds.
• Use with 4-Post, Case or FrameWRX shelving.

Application Recommendations
The CoreSTOR patient server is usually built into a closet or alcove. It is recommended that all CoreSTOR units be installed on a platform above the floor, with other storage, such as trash or dirty linens below. The closet and platform are provided by others and when designed, local building and fire codes should be consulted.

Maximum load carrying capacity of the unit MUST NOT BE EXCEEDED as permanent damage may result. Damage caused by overloading is NOT covered under warranty.

General Ordering Guidelines
1. Base Carriages
   a. Order base carriages by catalog number. Catalog numbers correspond to the nominal shelving dimensions.
   b. All CoreSTOR base units are reversible for left or right access.
   c. Actual footprint of the base unit is larger than the shelving. Refer to the following pages for dimensions.
   d. All base units are unpainted aluminum and must use a corresponding trim kit (ordered as a separate catalog number).
   e. All base units must be properly anchored. Refer to the following pages for anchoring specifications.

2. Shelving
   a. CoreSTOR patient server units are designed for Spacesaver's 4-Post, Case and FrameWRX shelving.
   b. Order shelving separately.
   c. Where available, plain or slotted shelves may be used with any related accessories. Caution should be used when placing any pullout accessories on shelving.
   d. Maximum nominal shelving height is 48".
   e. Minimum nominal shelving height is 24".
i. 4-Post and Case:
   1. Full height metal back panels are required on single access shelving and back-to-back shelving.
   2. Bottom shelf on all units must have “HC” type shelf supports with bottom “ears” cut off.
   3. All shelf supports may be 11 ga. “F” or “H” profile, or 14 ga. “H” profile (not 14 ga. “F” profile).
   4. EZ Rail™ element available for 4-Post and Case.

ii. FrameWRX:
   1. Standard welded frames only. No seismic frames.
   2. 13" nominal depth only.
   3. Back Kits acceptable, but not required.
   4. No base shelves – 2-position adjustable shelf/tray only.
   5. Canopy tops available — steel, one-piece steel, or acrylic.
   6. Gusseted base supports required on frame heights 30" and taller.
   7. No work surfaces.
   8. No end panels.
   9. All plastic storage bins must be less than 12" long.

3. Trim Kits
   a. As mentioned above, one Trim Kit must be ordered for every base unit. When planning CoreSTOR using Configura, Configura will automatically include one Trim Kit per carriage.
   b. Trim Kits include:
      i. Steel front cover, which is painted to match the shelving, fastens to the front of the carriage.
      ii. A handle and hardware, which bolt through the front cover and front carriage plate.
      iii. Left and right side steel covers, which are painted to match the shelving, fasten to the carriage to cover the sides of the carriage for aesthetic purposes.

Layout Considerations

- Allow a minimum of 0.5" space between finished rear wall and base unit.
- Allow a minimum of 0.5" space between finished side wall(s) and base unit.
- Allow a minimum of 0.5" space between top of unit and finished top of door frame. (Consult local building codes for minimum clear to ceiling).
- Carriage Extension = Nominal shelving length + 6.0"
- Overall Heights:
  o Overall Carriage Height = 7.125" (assuming mounting surface is perfectly level)
  o Shelf Mounting Height = begins at 6.125" (assuming mounting surface is perfectly level)
- Carriage dimensions, footprints and shelving compatibility are outlined in the following table.
Available Configurations

- Single-sided left opening
- Single-sided right opening
- Two back-to-back carriages, one right opening, one left opening
- One carriage, triple access

Select the configuration desired and review the drawings on the following pages for dimensions, clearances and anchoring specifications.

Notes:
- Cabinet/closet and mounting surface by others.
- Local fire codes may apply. The responsibility to ensure applicable codes have been met is that of others.
- Doors, walls, and wall thicknesses shown are for illustrative purposes only. Actual dimensions to be finalized by others.
- Dimensions shown are to provide finished opening sizes only and include recommended minimum clearances. (Dimensions subject to change without notice.)
SINGLE SIDED
SINGLE LEFT OR SINGLE RIGHT BASE UNIT CARRIAGE ANCHORING REQUIREMENTS

FINISHED OPENING

FINISHED OPENING

FORCES AT BOLT POINTS & FOOT POINTS

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*FORCES CALCULATED PER BOLT
(SHELF WEIGHT = 158#/R LENGTH-WIDTH, UNIFORMLY DISTRIBUTED)
ANCHORS TO BE B 5/16'-18 GRADE 5 THREADED BOLTS
DO NOT USE WOOD AS A MOUNTING SUBSTRATE TO AVOID LONG TERM INDENTING
SPLIT DOUBLE BASE UNIT CARRIAGES

FINISHED OPENING
SPLIT DOUBLE BASE UNIT CARRIAGES
ANCHORING REQUIREMENTS

FINISHED OPENING

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ANCHORS TO BE Ø 5/16"-18 GRADE 5 THREADED BOLTS
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SINGLE BASE UNIT CARRIAGE
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