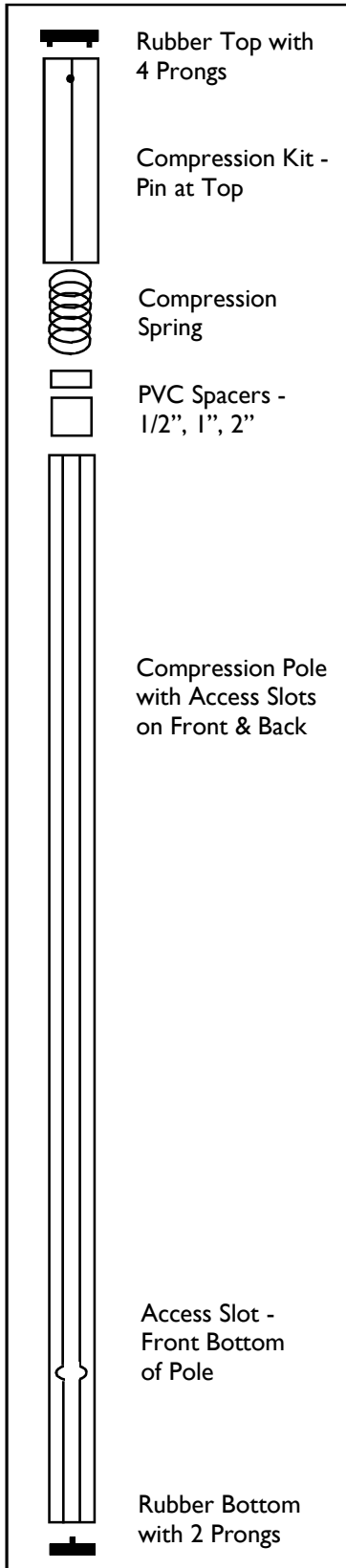


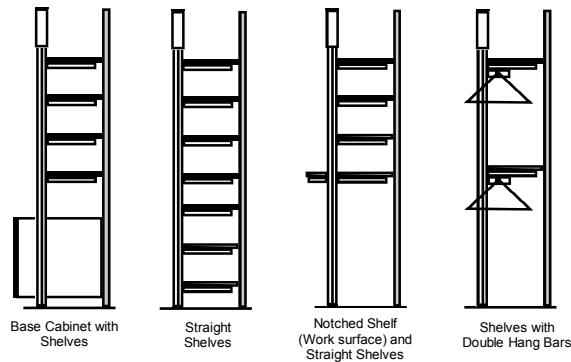
ISS Designs Compression Poles with Compression Kit

Design Guide and Installation Tips



Design Guide

- Compression Pole mounted systems must rest up against a wall. The compression kit mounting requires a flat ceiling and at least 2:1 rear facing loads. Poles may extend up to 12'.
- The shelf depth may range from 4" to 24" with the poles no more than 16" from the wall. Cabinets may be up to 24" deep and 72" tall.
- Shelves may be standard shelves mounted behind the poles or include notches to extend in front of the poles. Shelves may share brackets at poles using shelf connectors. Shelves rest up against the wall and brackets do not touch the wall.
- Each bay (section between poles) must have at least one shelf or cabinet that rests up against the wall. The distance between poles depends on the design and amount of weight on shelves.
- Shelves rest on brackets located at any point along the rear channel of the pole and are infinitely adjustable. Cabinets are mounted at any point on the poles using standard 1/4-20 screws.
- The ceiling height determines the length of the compression pole. The compression kit (CK-012) requires the pole to be at least 3 inches shorter than the ceiling height.
- Add PVC Spacers (up to 4") to achieve the desired pole length plus spacers of 3" shorter than the ceiling height. (ie. 8' ceiling = 93" pole length)



Installation Tips - Compression Poles

- Confirm exact ceiling height for each place where the pole is going to be installed. (ie. Actual ceiling height may be 8'1")
- Insert steel spring into the Compression Kit until it hits the retaining pin at top.
- Rest the entire pole on the floor and slide the Compression Kit onto the top of the pole. Measure the entire pole with the compression kit on top and add spacers if necessary to achieve desired length. The total length should be 1" longer than the floor to ceiling height. (ie. 8'2" for a 8'1" high ceiling)
- Place the rubber top with 4 prongs on top of the Compression Kit. Insert the rubber bottom with 2 prongs on the bottom of the pole.
- Position the pole bottom on the floor at the desired distance from the wall (ie. 12") and pull down on the Compression Kit while moving the pole into the vertical position. Release the compression kit onto the ceiling and confirm placement with tape measure and level.
- Repeat the same steps for all of the poles along the wall prior to adding brackets or cabinets.

Installation Tips - Shelves, Brackets & Cabinets

- Insert brackets into the pole via the access slot and push down to lock into desired position. On wall units start at the bottom and add shelves upward. In closets, put the top shelf in first. If necessary, add a pair of shelf connectors to brackets and attach with #6 screws to shelves.
- Cabinets will normally extend beyond the poles and are attached towards the front. (ie. 18" deep cabinets are attached at least 12" from the wall)
- Confirm that the poles are plumb and that the shelves and cabinets are snug up against the wall prior to adding weight to the system. Initially, your unloaded system may seem to move easily. As you load your wall system it will become more rigid and secure.

Tools needed:

Tape Measure, Level, Screwdriver