

# Containment Quote Guide

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## Containment Type

1. Hot or cold aisle configuration?

Be aware of where cold air is being supplied and where hot return air is being ventilated. Is there in-row cooling units?

2. Will rigid or soft containment be used?

## Rigid Containment

### Measurements needed for Rigid Doors

- a. Aisle width
  - Distance from cabinet to cabinet or cabinet to wall.
  - If one row of cabinets extends further than the other row of cabinets in an aisle, rigid walls can be used to extend the shorter row of cabinets to accommodate an end of aisle door.
- b. Cabinet Height

WindChill offers several door options. Swinging doors have base plates that allow carts to be pushed through. Sliding doors have been our most popular and can be upgraded with locks. Single Swinging doors are ideal for cabinet to wall options. Please see our website for more information on doors.

### Measurements needed for Rigid Panels above racks

- a. Total aisle length
  - Distance from floor to ceiling along with the distance from the top of cabinets to the ceiling.
- b. Aisle width
- c. Height of all cabinets, in-row cooling units or UPS systems in row
  - Are there variances in height down the row? If so leveling kits can be used to create even rows.

- \* Check for obstructions such as cable trays, lights, sprinkler pipes, cables etc. above racks, or beams or posts in the aisle. Will these obstructions need to pass through the containment, be moved, or have the containment go around?

### Measurements needed for Shrink Away and Mechanical Drop Away Ceilings

- a. Exact aisle width and length
- b. Is the height of the cabinets consistent down the entire row?

- c. Is the front of the cabinet along the aisle consistent down the entire row? Does any cabinet protrude into or recess from the aisle.
- d. Any obstructions that may block installation of ceiling trays

## **Soft Containment**

### **Measurements needed for Soft Containment (curtains)**

Typically Soft Containment Curtains are called Thermal Walls and are hung above cabinets in hot or cold aisles. Strip doors are typically used for entrance into the aisle and are called Thermal Doors.

- a. Ceiling type
  - Is the ceiling a standard drop 1" grid or 2" grid acoustical ceiling, cement, or other?
- b. Length of aisle
- c. Width of aisle
- d. Dimensions of cabinets. height, width and depth
- e. Distance from floor to ceiling
  - Distance from top of cabinets to ceiling
- f. Are there any obstructions penetrating the curtains which need special attention or custom designs?

### **Gap Hog™**

Gap Hog™ is used to fill small or irregular shaped holes, gaps and openings.

### **Measurements and counts needed**

- a. Dimensions and quantities of gaps and holes
- b. Long thin gaps would require Ice Strips™
- c. Shorter and wider gaps would require Gap Bloks™
- d. Large gaps that would require a thicker or more rigid solutions would use Gap Pillows

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\*Contact us at (801) 494-2098 and we will help you with any questions you might have as you create your quote