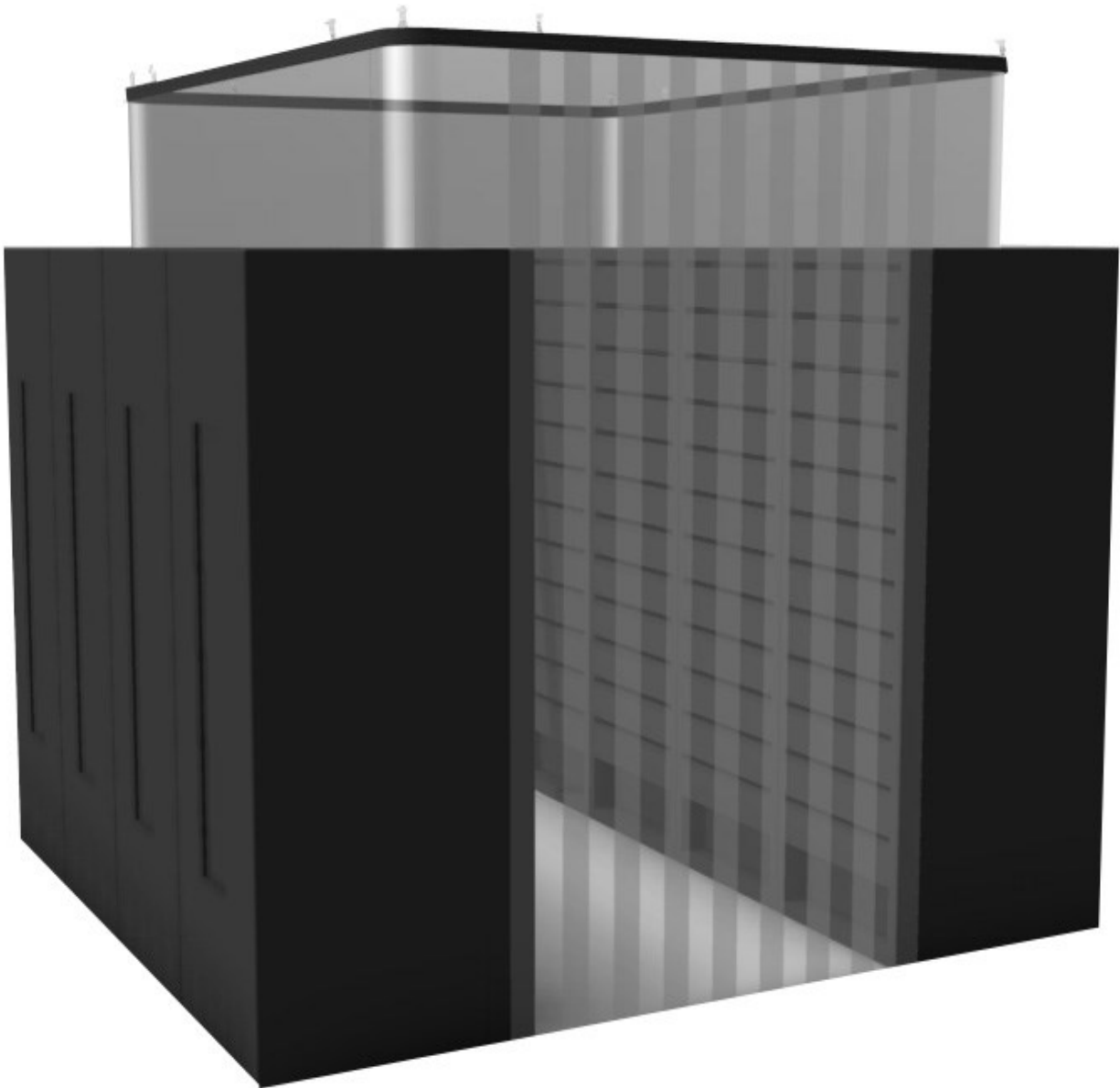


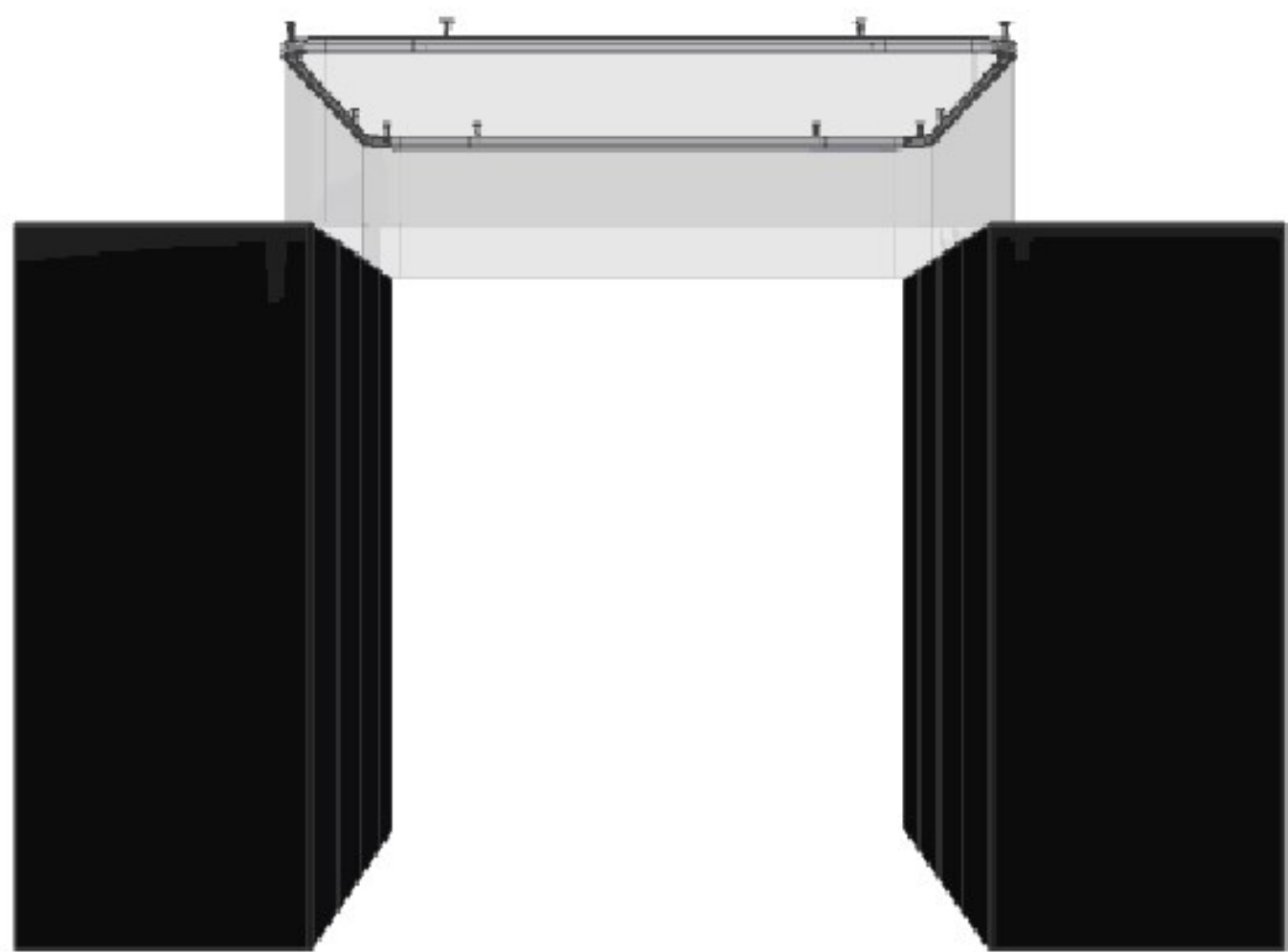
# Thermal Wall and Door

## Assembly and Installation Guide



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## Safety & Handling

The Thermal Wall and Door kits have been carefully packaged and inspected before packaging. When unpacking the Thermal Walls and Doors, care should be taken as the vinyl curtains will scratch if laid on a rough or uneven surface. Inspect all components and be sure everything is included for assembly. Cotton gloves should be worn when handling the curtains to prevent finger prints and scratching.

Use only the proper and recommended tools for all assembly procedures.

All movement and assembly requires two persons for safety and protection of the vinyl curtains.

## Tool List

Drill (corded/cordless)	extension cord	hammer
rubber mallet	4' level	tape measure
pencil or marker	utility knife	smooth file
cotton gloves	scissors	straight edge
level	plumb bulb	chalk line
hacksaw		

# Component List

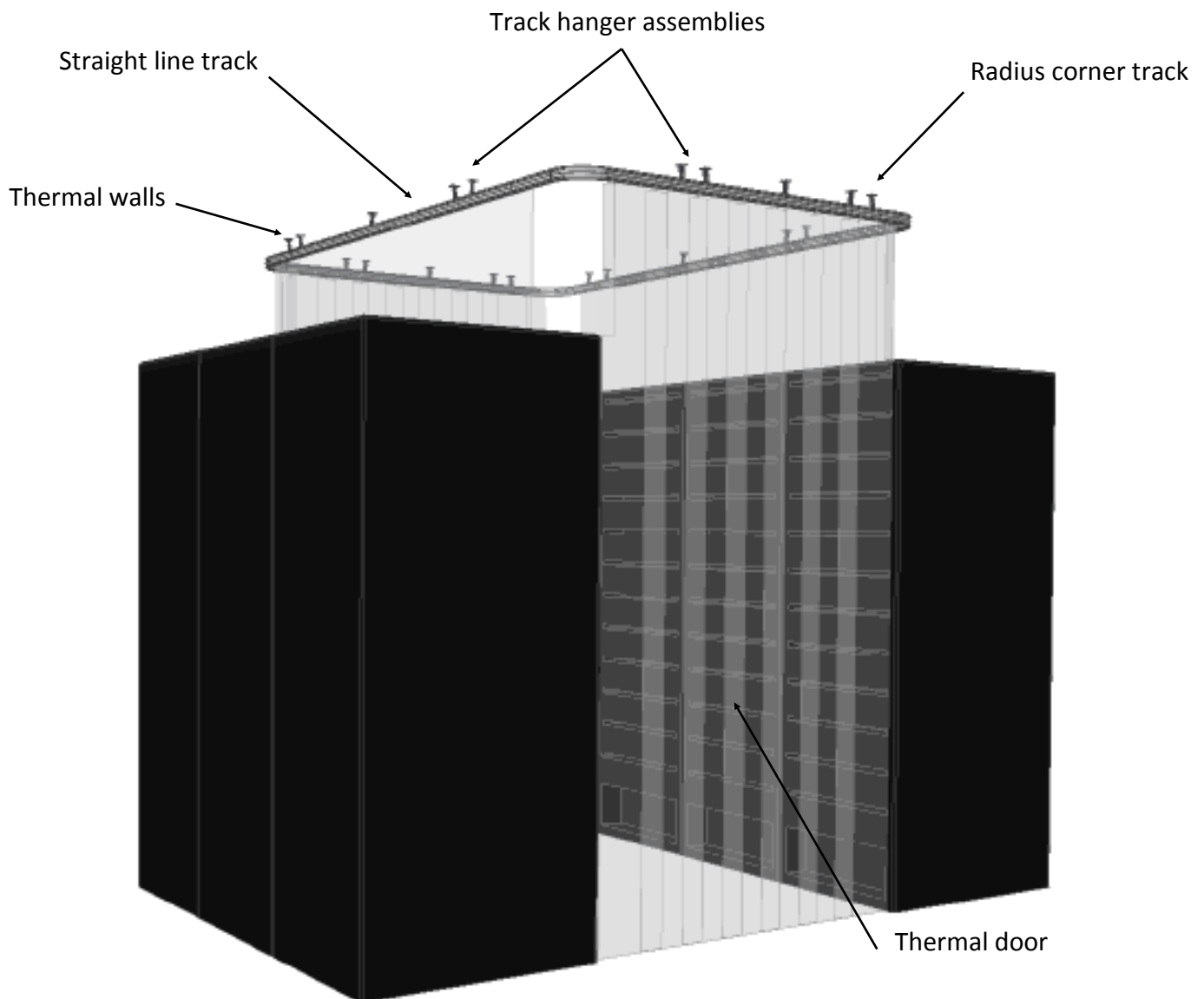
Each kit contains all the parts needed to hang one curtain (either Thermal Wall or Thermal Door).

2 ea.      Track hanger assembly \_\_\_\_\_

1 ea.      Thermal wall curtain \_\_\_\_\_

1 ea.      Track splice \_\_\_\_\_

1 ea.      Straight line track or radius corner track \_\_\_\_\_

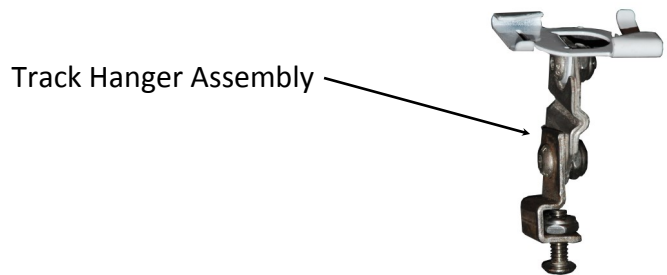


# Getting Started

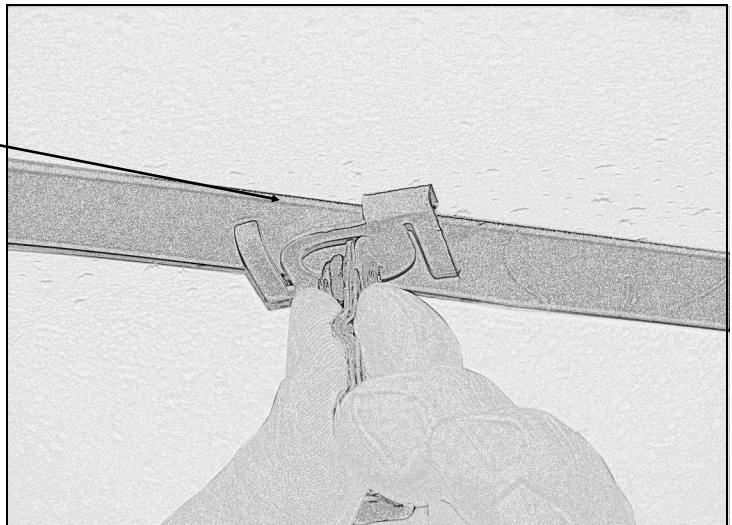
There are many methods of hanging the thermal walls and doors. These instructions focus on hanging the curtains and doors from a drop in tile ceiling grid. The thermal walls and/or doors are manufactured in various sizes and lengths and have been configured to fill the space required to provide the desired air containment and separation. The curtains are hung above the server racks and the doors are hung in the aisles to fill the desired requirement. During installation, completely hang each kit and then proceed to the next kit.

## Track Hanger Installation

The first step is to plumb between the ceiling and the desired position of the curtain and then install the Track Hanger Assembly. It is best to start in a corner or against a wall and install one kit at a time (including the vinyl curtain). Then repeat the same procedure with the next curtain kit. Measure and determine the best place to begin

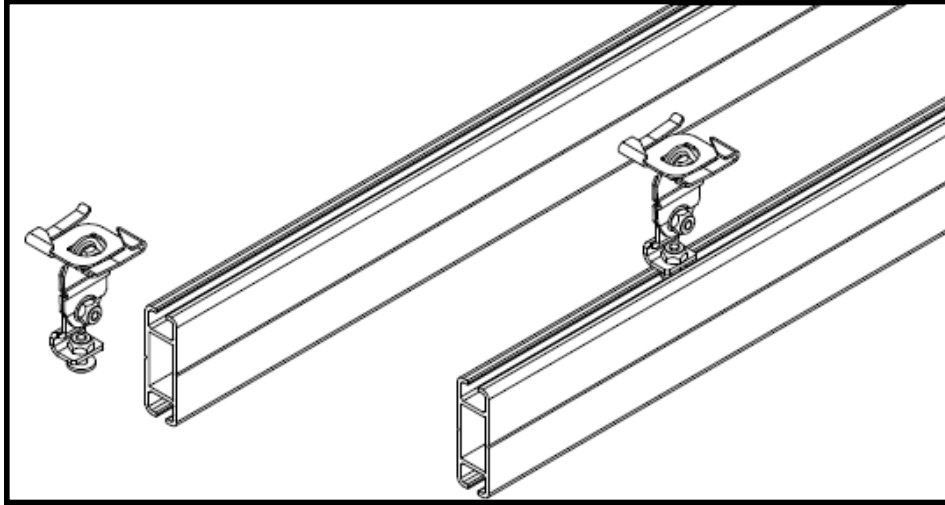


Attach the Track Hanger Assembly to the T-bar and twist into position. Determine the position for the next Track Hanger Assembly and repeat.

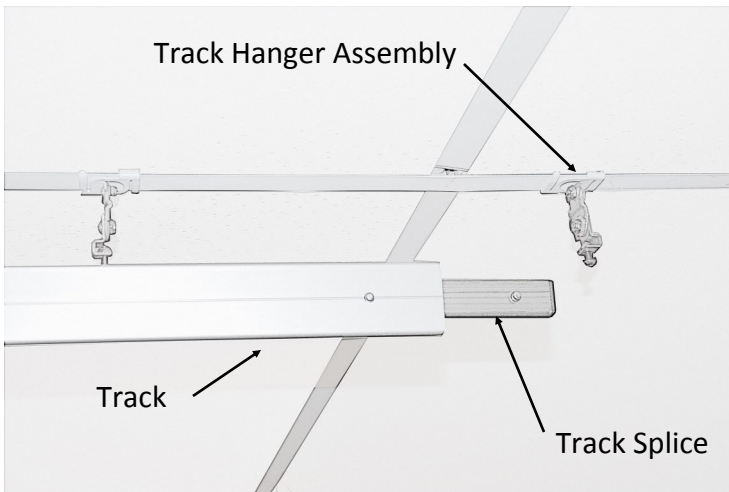


# Attaching the Track Hanger Assembly to the Track

The top and bottom channel on the Tracks are identical. The Track Hanger Assembly bolt head slides into the top channel.



## Track and Curtain Installation



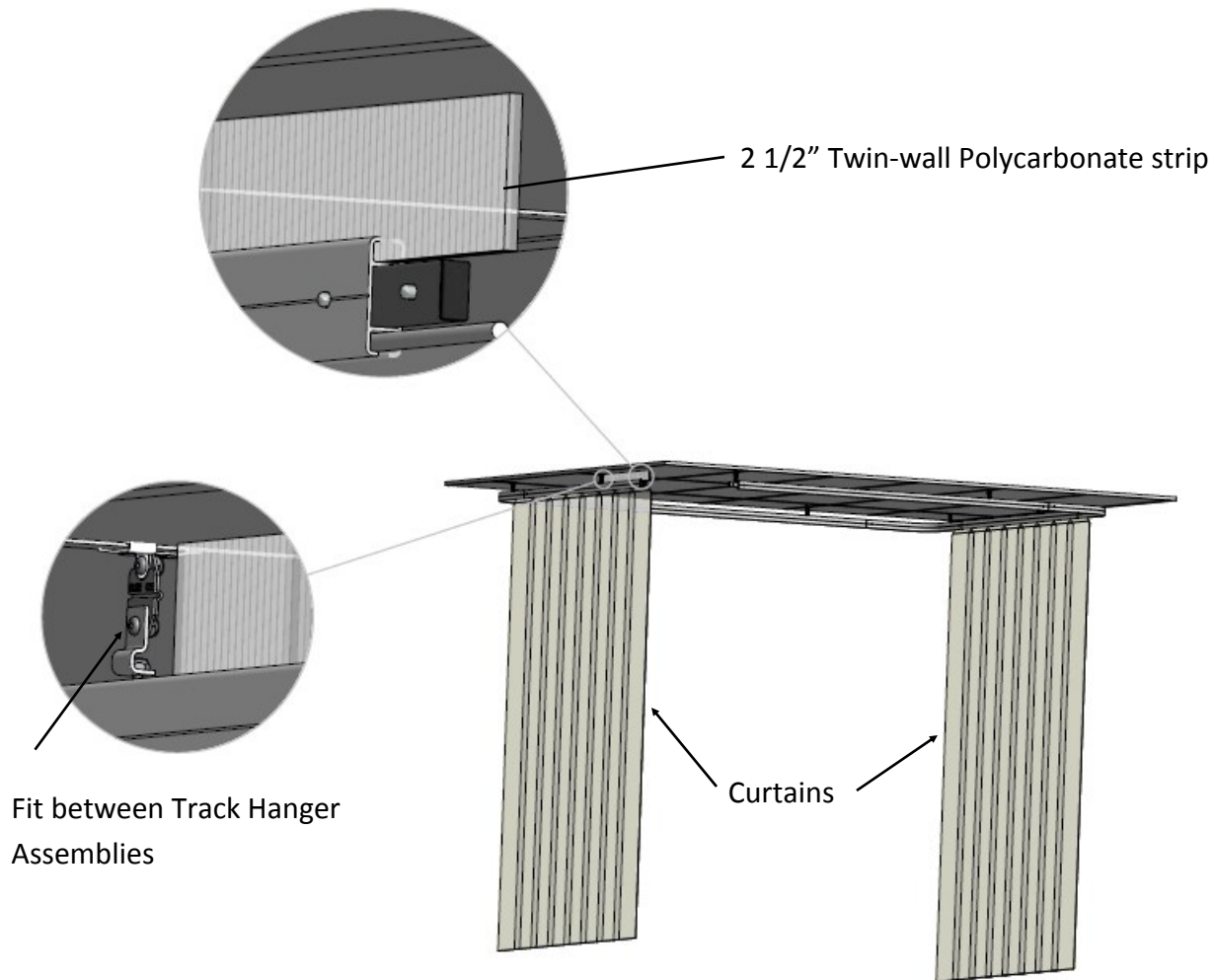
Drawing showing track being inserted in to track hanger assemblies



Photo showing Vinyl Curtains in place on a radius corner

**Note:** It is recommended that one kit be installed at a time. After attaching the Track Hanger Assemblies and inserting the track into position, hang the curtain included with that kit. Then move on to the next kit and repeat the same procedure. Install the Corner Kit in the same manner.

## Installing the Twin-wall Polycarbonate Panels



Installing the 2 ½" twin-wall polycarbonate panels can be done as each curtain kit is installed or after the curtain installation is complete. The purpose of the 2 ½" panels is to close off the air gap between the curtain track and the ceiling. One side of each 2 ½" panel has been crimped for ease of installation. Cut the panel to the desired length, then set it on top of the track and press it into place. 2 ½" panels for the radius have been factory cut to fit the curve in the radius track.

## Cutting and Trimming the Vinyl Curtains

There are various methods for finishing the bottom of the curtains. They may be marked and cut flush to the top of the cabinet, cut two or three inches longer to lay on the cabinet or be attached mechanically to the cabinet. Sharp scissors should be used for all cutting. Use a chalk line or a straight edge and marker to mark cut line.

# Care and Maintenance

The vinyl curtains should be cleaned with dish soap and water. No chemical products should be used as they draw the plasticizer to the surface. The aluminum frame should be cleaned likewise. Use of harsh chemicals or abrasive pads on the aluminum frame or the vinyl curtains will void any warranty on the product.

## Revision Table

Change Description	Revision	Date
Complete re-write of document	1	16 Feb 20-16
Changed Care and Maintenance instruction to use dish soap and water	2	23 Feb 2016