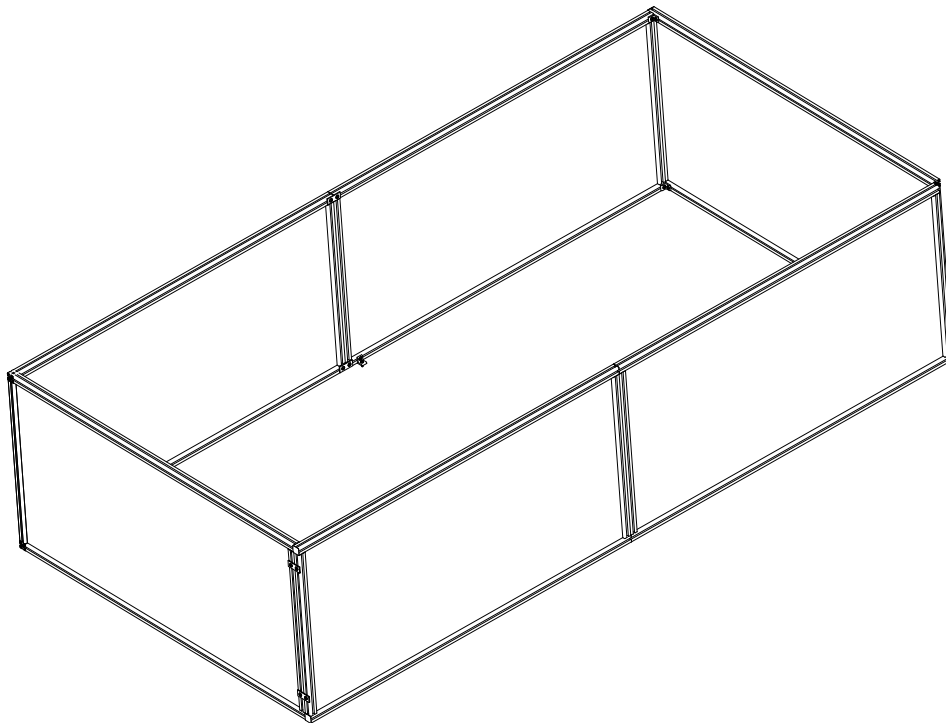


Gordon Containment Top Mount Rigid Wall Operation & Maintenance Manual



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GORDON[®]
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TITLE

**GORDON CONTAINMENT
O & M MANUAL**

Safety & Handling

When unpacking the rigid walls and components, be careful not to scratch the aluminum frame and the plexiglass. They have been carefully packaged and inspected before crating. Inspect all components and be sure all required hardware is included for assembly.

Use only the proper and recommended tools for all assembly procedures as well as installation of the rigid walls in and around the cabinets.

Do not lean the rigid walls against walls, cabinets or posts where there is a chance for them to fall and become damaged.

All movement and assembly requires two persons for safety and protection of the rigid walls being installed and the equipment around them.

Tools List

$\frac{5}{16}$ " Hex Nut Driver Bit

Extension Cord

Hammer

Rubber Mallet

4' Level

Tape Measure

$\frac{5}{32}$ " T-Handle Hex Wrench

Step Ladder

General Installation Tips and Tricks

- Put together a corner section of rigid wall and then work around the perimeter.
- Once all rigid wall panels are connected and sitting on server racks then square up the containment and make any adjustments so it is aesthetically pleasing.
- Mount the rigid walls to the racks as needed to provide rigidity so rigid wall does not flex due to differential pressures of the ventilation system.
- Panels will be snug against the ceiling and the rack. If they are too snug, then remove the foam bulb.
- If T-nut for mounting the hardware cannot be slid into the slot from the end, the T-nut can be inserted directly into the slot by placing a portion of the foam wrapping material in the slot and then placing the T-nut in front of the foam. This will provide backing for the T-nut and hold it in position while inserting the screw. Once the screw is threaded onto the T-nut, hold the foam material and slide the T-nut off the foam, then remove the foam out of the slot.

Inside Corner Application

Use either the Inside Corner Application (this page) or Outside Corner Application (next page) depending upon the determined application when this job was ordered

- Inside Corner Installation using a corner bracket (Detail A & C)
 - Ensure corners are tight and properly aligned while tightening corner bracket using $\frac{5}{32}$ " T-Handle wrench
 - 1 each corner bracket on top and bottom rail
- Outside Corner Installation using a Joining Strip (see next page)
 - Ensure corners are tight and properly aligned while tightening Joining Strip using $\frac{5}{32}$ " T-Handle wrench
 - 1 each Joining Strip on top and bottom rail
- Securing Rigid Wall to Cabinet (Detail B)
 - Secure Rigid Wall to top of cabinets using evenly angled brackets with provided #10 self tapping screws
- Place end caps ends on the aluminum extrusion for a finished off look on the outside corners (see Figure 2 on next page)

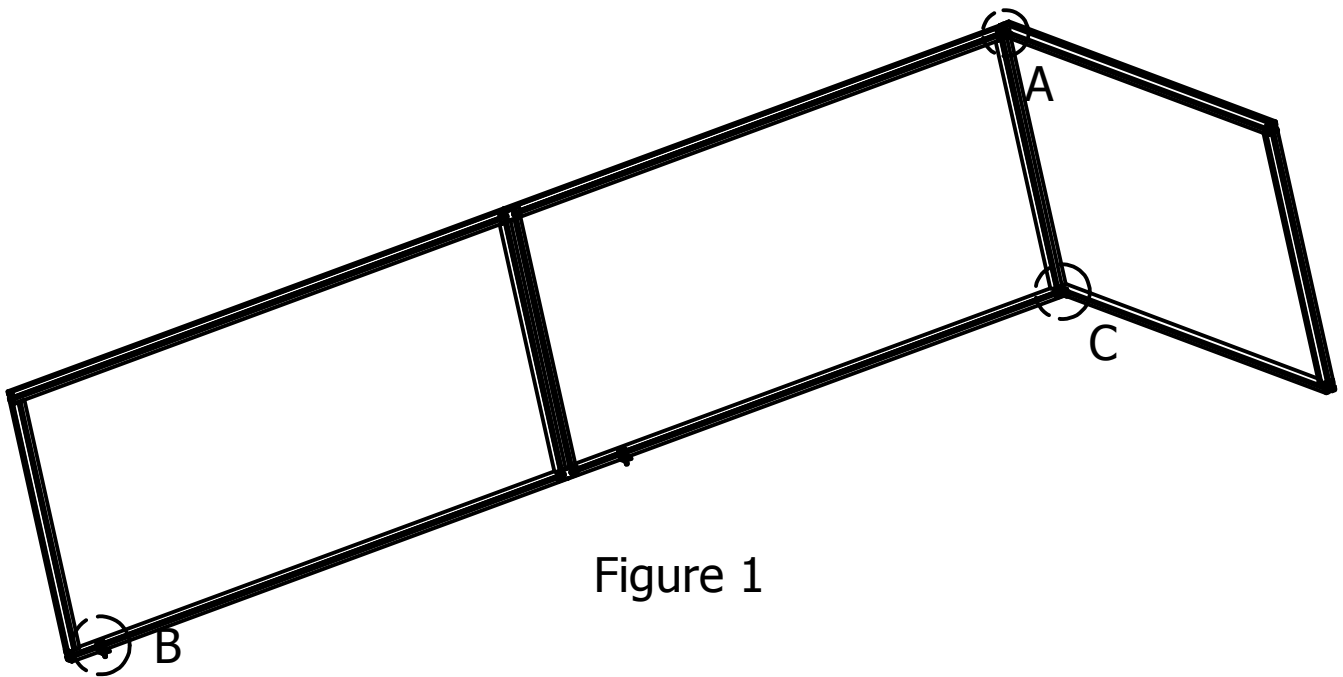
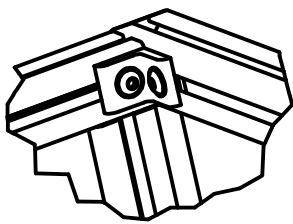
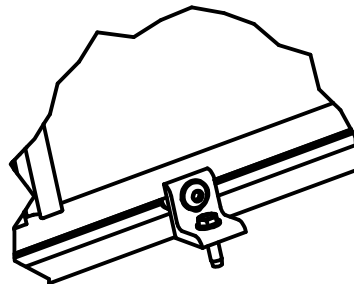


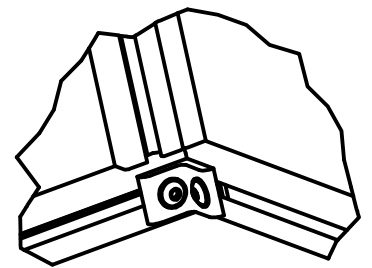
Figure 1



DETAIL A



DETAIL B



DETAIL C

Outside Corner Application

- Place Joining Strips on outside corner per drawing below
 - Ensure corners are tight and properly aligned while tightening Joining Strip using $\frac{5}{32}$ " T-Handle wrench
 - 2 each Joining Strips on top and bottom of Rigid Wall
- Place end caps ends of the aluminum extrusion for a finished off look on the outside corners (see Figure 2 below)

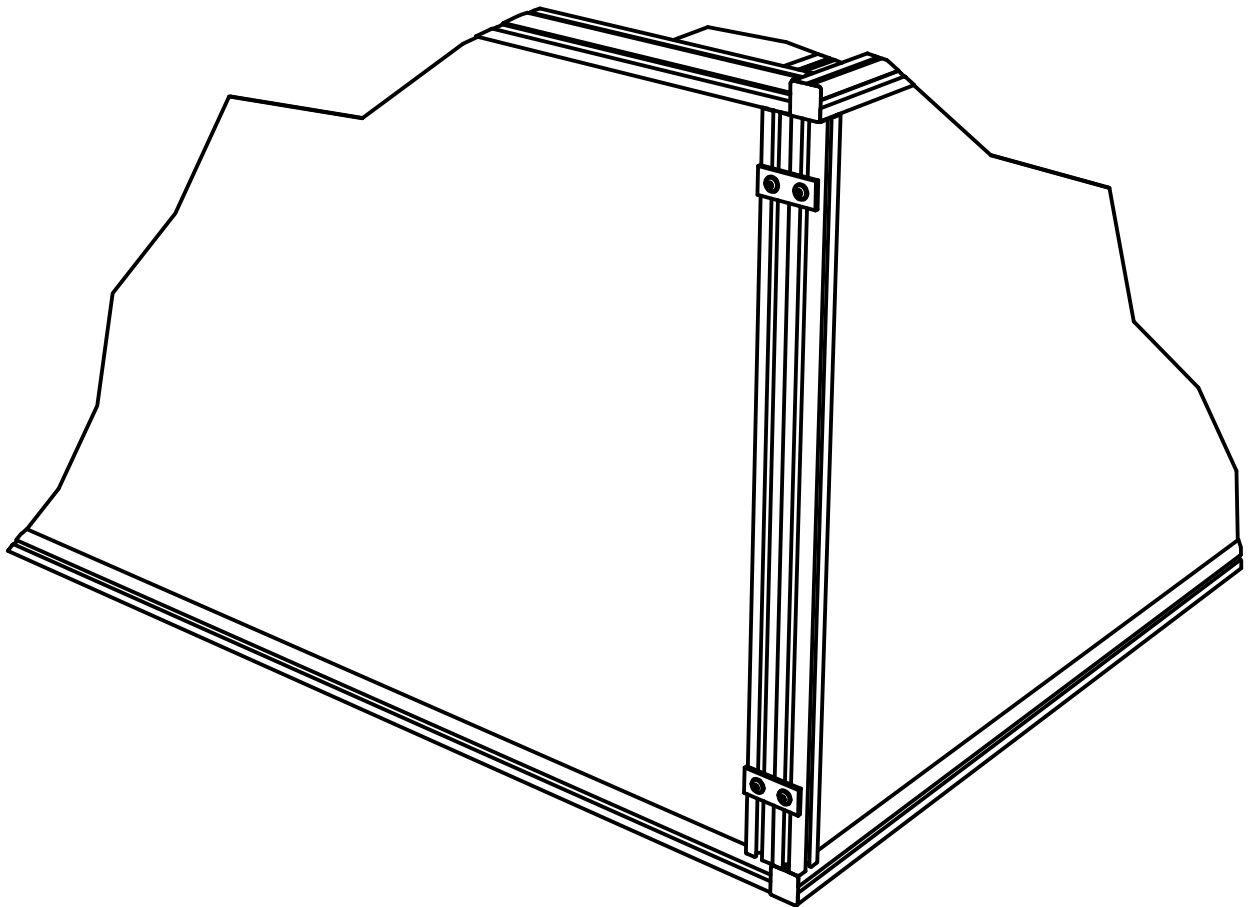


Figure 2

Rigid Wall to Rigid Wall Installation

- Ensure rigid walls are tight together when fastening joining strip using $\frac{5}{32}$ " T-Handle Hex wrench

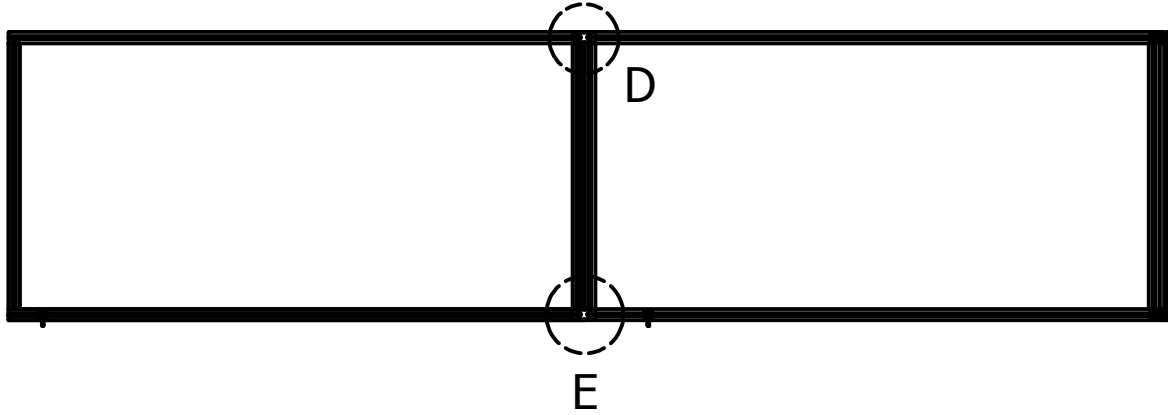
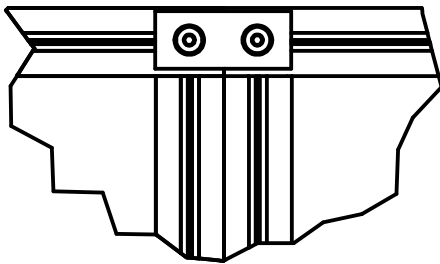
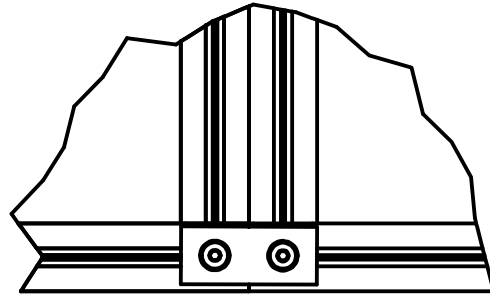


Figure 3



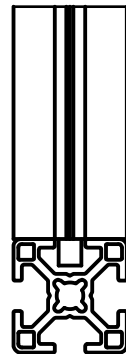
DETAIL D



DETAIL E

Foam Bulb Installation

The foam T-bulb is placed in the slot by sliding it in from the end of the rigid wall. It can also be pressed into the slot, if needed. Refer to Detail F for how it should look. The foam T-bulb can either be placed between the cabinet and the rigid wall, or the ceiling and the rigid wall, dependent on the size of the gaps.



Detail F

Rigid Wall Maintenance

Cleaning Powder Coated, Anodized, and Polyvision CeramicSteel Finished Products:

Gordon's clear anodized and powder coated aluminum products may be kept clean and bright using the following steps:

1. For normal cleaning, a soft cloth with mild soap and water should be used. Material should have excess water wiped off.
2. If cleaning has been postponed for an extended period time and/or a tough "stain" is visible, first follow step one above. If this does not sufficiently clean the material, you should use a soft cloth with a 50-50 mixture of water and Isopropyl Alcohol. Material should have excess liquid wiped off.
3. If step one and two above is still not sufficient, you may use the 50-50 mixture of water and Isopropyl Alcohol with a small amount of "Comet" dabbed on the cloth. The damp cloth with the "Comet" should be used in a circular motion being careful not to rub to hard and leave scratches in the finish. Once done, the material must be wiped clean with a damp cloth to remove any "Comet" residue.

Cleaning twin wall polycarbonate panels:

Use a warm soapy (mild liquid dish soap) water to clean polygal sheets. Wipe with a soft, clean lint-free cloth dampened with the soapy water. Wipe panel again with a lint-free cloth dampened with water only to remove soap residue. Dry with a soft cloth.

Cleaning procedures should be initiated as soon as practical after completion of installation to remove construction soils and accumulated soils from handling.