ACTIVE COLD AISLE CONTAINMENT SYSTEM
### HARDWARE

<table>
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<tr>
<th>DOOR FRAME:</th>
<th>ACTIVE ROOF PANEL ASSEMBLY:</th>
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<tbody>
<tr>
<td>32 – Self Tapping Screws</td>
<td>10 – Allen Bolts</td>
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<tr>
<td>6 – Allen Bolts</td>
<td>10 – 50mm Nuts</td>
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<tr>
<td>4 – 50mm (2”) Lag Screws</td>
<td>20 – Washers</td>
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<tr>
<td>4 – Plastic Push Pins</td>
<td>4 – #10 x ½” Self Tapping Screws</td>
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<tr>
<td>2 – M6 Lock Nuts &amp; washers</td>
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<tr>
<td>6 – Nylon Nuts</td>
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<tr>
<td>2 – 500mm (20”) Bonding Wire</td>
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<tr>
<th>END PANEL ASSEMBLY:</th>
<th>TOOLS REQUIRED</th>
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<tr>
<td>4 – Allen Bolts</td>
<td>#2 Philips Screw Driver</td>
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<tr>
<td>4 – 50mm Nuts</td>
<td>Allen Wrenches</td>
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<tr>
<td>8 – Washers</td>
<td>2, 3, 4, &amp; 5 mm Allen Wrenches</td>
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<tr>
<td></td>
<td>8, 10,11 &amp; 13 mm Wrenches</td>
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<tr>
<td></td>
<td>Needle Nose Pliers</td>
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<td></td>
<td>Electric Drill</td>
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<td>#2 Philips Head Drive Tip for Drill</td>
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**SAFETY CONCERNS:**
- Due to the size and weight of most of the components, it is recommended that a minimum of 2 technicians be involved in the unpacking and assembly of the system.
- Bonding of all components is accomplished through the proper use bonding posts, star washers and bonding wires included with hardware for each part of the system.
Aisle End Panel Installation (If Required)

NOTE:
Cabinets on each side of the aisle should be level and of the same height

1200mm-1220mm
Door Installation

Door Installation

STEP 1

1200mm-1220mm
Door Installation

STEP 2
Door Installation

STEP 3

1310mm
Door Installation

**STEP 4**

ADHESIVE BRUSH STRIPS

CENTERED OVER GUIDE PIN
Door Installation

STEP 5
**Door Adjustment**

**STEP 6**

To adjust door(s) horizontal, keep Allen wrench in place, only turn wrench.

To adjust closing speed, keep pliers in place and turn Allen wrench.

To adjust door(s) vertical, turn Allen wrench and close door.
Door Valance Installation

STEP 7
Roof Panel Assembly

Assembled on the Floor
REMOVE ALL PLEXI-GLASS PANELS PRIOR TO ASSEMBLY AND INSTALLATION

TOP

FRONT

SIDE

Plexi-glass Removed
Roof Panel Assembly

Installing Assembled Panels to the Lids of the Cabinets

1200mm – 1220mm

#10 x ¼” Self Tapping Screw X4

COLD AISLE
Roof Panel Assembly

Installing Assembled Panels to each other once assembled and secured on the lid of the cabinets

SIDE

Plexi-glass Removed

TOP

X2

Plexi-glass Removed
End Panel

Installed Roof Panel

Top View

Side View
Active Panel Installation

When installed without the magnet in place, secure the active panel with (2) ¼ x 20 bolts.
Safety Instructions

1. Read and understand all instructions for proper installation and use of this product as improper use of this product may lead to serious injury or death.
2. Do not attempt to move equipment racks without adequate assistance, due to their height and weight.
3. A standalone rack should be level, stable, and anchored to the floor before loading equipment.
4. Two or more racks can be bayed together (coupled) to enhance their stability. Each rack should be anchored to the floor.
5. Always load the racks such that the heaviest equipment (e.g. — UPS units, large enterprise switches) is located at the lowest point in the rack.
6. The Maximum Load Capacity of the rack should not exceed 1000kg (2205 lbs.)
7. The rack can support many equipment configurations, be sure to read and follow your equipment manufacturer’s specific assembly, installation, and safety instructions.
8. If using more than one slide-mounted equipment, be sure to extend only one sliding unit at a time.
9. Do not attempt to move a fully loaded equipment rack. Remove equipment from the rack before moving the rack.
10. For protection of equipment and personnel, each rack is intended to be fully bonded when assembled according to the installation instructions.
11. The rack comes with two grounding lugs and four bonding locations. Install and use these in accordance with the applicable requirements of the National Electrical Code and the local Authorities Having Jurisdiction (AHJ).
12. Component Servicing - Defective units should be repaired by personnel trained by the manufacturer, or returned to the manufacturer for repair or replacement.

To assist safe installations, comply with the following:

A. Do not attempt to perform this work with fewer than 2 technicians
B. Never touch uninsulated wire terminals unless the circuit has been disconnected.
C. Never install this device in a wet location.
D. Never install wiring during a lightning storm.