Mounting Appliances with Sliding Rails

The sliding rails are certified by Check Point to use with these models:

- Check Point 4200
- Check Point 4600
- Check Point 4800
- Check Point 12200
- Check Point 12400
- Check Point 12600

Appliance Physical Specifications

These are the physical specifications of the Check Point appliance models that can be mounted in the sliding rails.

<table>
<thead>
<tr>
<th>Appliance</th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>4200</td>
<td>17.24 in (43.8 cm)</td>
<td>12.6 in (32.02 cm )</td>
<td>1.72 in (4.4 cm) (1U)</td>
</tr>
<tr>
<td>4600</td>
<td>17.24 in (43.8 cm)</td>
<td>12.6 in (32.02 cm )</td>
<td>1.72 in (4.4 cm) (1U)</td>
</tr>
<tr>
<td>4800</td>
<td>17.24 in (43.8 cm)</td>
<td>16 in (40.63 cm)</td>
<td>1.72 in (4.4 cm) (1U)</td>
</tr>
<tr>
<td>12200</td>
<td>17.24 in (43.8 cm)</td>
<td>16 in (40.63 cm)</td>
<td>1.72 in (4.4 cm) (1U)</td>
</tr>
<tr>
<td>12400</td>
<td>17.24 in (43.8 cm)</td>
<td>22.15 in (56.25 cm)</td>
<td>3.44 in (8.8 cm) (2U)</td>
</tr>
<tr>
<td>12600</td>
<td>17.24 in (43.8 cm)</td>
<td>22.15 in (56.25 cm)</td>
<td>3.44 in (8.8 cm) (2U)</td>
</tr>
</tbody>
</table>
# Rack Mounting

## Sliding Rails Hardware

<table>
<thead>
<tr>
<th>Item</th>
<th>Hardware Description</th>
<th>Qty.</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Appliance rail</td>
<td>2</td>
<td>Attaches to the sides of the appliance.</td>
</tr>
<tr>
<td></td>
<td>Flat-head screws</td>
<td>6</td>
<td>Attaches the appliance rails to the appliance.</td>
</tr>
<tr>
<td>2</td>
<td>Rack rail</td>
<td>2</td>
<td>Attaches to the rack.</td>
</tr>
<tr>
<td></td>
<td>Round-head screws</td>
<td>4</td>
<td>Attaches the rack rails to the racks.</td>
</tr>
<tr>
<td>3</td>
<td>Round-hole rack plates</td>
<td>4</td>
<td>For use with round-hole racks.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Attaches the rack rails to racks with round-holes.</td>
</tr>
<tr>
<td></td>
<td>Large round-head screws</td>
<td>12</td>
<td>Attaches the round-hole rack plates to the racks.</td>
</tr>
</tbody>
</table>

### Rack Mounting Tools

Philips screwdriver. We recommend a screwdriver with a magnetic head to hold screws and retrieve dropped screws.
Attaching the Appliance Rails

Use three flat-head screws to attach each appliance rail to the side of the appliance.

- The appliance rail for the right-side of the appliance is marked RH.
- The appliance rail for the left-side of the appliance is marked LH.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>End of appliance rail with round hole.</td>
</tr>
<tr>
<td>2</td>
<td>Front of appliance.</td>
</tr>
</tbody>
</table>

To attach the appliance rails:
1. Set the right-side appliance rail on the right-side of the appliance.
   - The flatter side of the appliance rail faces the appliance.
   - The end of the appliance rail with the round hole points away from the appliance.
   - For a 2U appliance, the appliance rail uses the lower row of holes on the appliance.
2. Use three flat-head screws to attach the appliance rail to the appliance.
3. Do steps 1 and 2 again for the left side of the appliance.

Preparing Round-Hole Rack Rails

Use the four round-hole rack plates to attach the rack rail to the rack.
To attach the round-hole rack plates:
1. Align the round-hole rack plate on the rack.
   Make sure that the round holes face the rack.

2. Use three large round-head screws to attach the round-hole rack plate to the rack.
   Make sure that you use the same rack number for all the round-hole rack plates.
3. Do steps 1 - 2 again for the other round-hole rack plates.

Attaching the Rack Rails

Attach the rack rails to the rack. If you are using round-hole racks, make sure that the round-hole rack plates are attached. For more about attaching round-hole rack plates, see Preparing Round-Hole Rack Rails (on page 3).

- The rack rail for the left-side of the rack is marked LH.
- The rack rail for the right-side of the rack is marked RH.
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Inner clips. Press on these clips to detach the rack rail from the rack.</td>
</tr>
<tr>
<td>2</td>
<td>Yellow locking piece. When engaged, locks the front of the rack rail and you cannot detach it from the rack.</td>
</tr>
</tbody>
</table>

Note - Disengage the yellow locking piece before you attach the rack rails to the rack. When this piece is engaged, you cannot insert the front of the rack rail into the rack.

**To attach the rack rails to the rack:**

1. From the front left-side of the rack, align the front of the left rack rail with the rack number.
   - The front of the rack rail is marked with the word **FRONT**.
   - Make sure that the sliding rail faces the inside of the rack.
   - To detach the rack rail from the rack, use your thumbs to press the inner clips and move the rack rail away from the rack.

2. Insert the front of the left rack rail into the rack until it clicks into place.

3. From the rear of the rack, align the rear of the rack rail with the same rack number.
   - The rear of the rack rail is marked with the word **REAR**.

4. Insert the rear of the left rack rail into the rack until it clicks into place.
5. From the rear of the rack, use a round-head screw to secure the rack rail to the rack.

6. From the front of the rack, do these steps.
   a) Use a round-head screw to secure the rack rail to the rack.
   b) Slide the yellow locking piece toward the front of the rack.
      This piece locks the inner clips and does not let you detach the front of the rack rail from the rack.

7. Do steps 1 through 6 again for the right rack rail.

**Installing the Appliance in the Rack**

Install the appliance in the sliding rails in the rack.

⚠️ Important - The appliance is heavy and it is necessary to use two people to hold and install the appliance in the rack to prevent personal injury and damage to the appliance.

**To install the appliance in the rack:**

1. Set the appliance until the appliance rails are level with the rack rails.
2. Move the appliance into the rack until the sliding rails click.
   The sliding rails are locked.
Removing the Appliance

Unlock the sliding rails to remove the appliance from the rack.

**Important** - The appliance is heavy and it is necessary to use two people to hold and install the appliance in the rack to prevent personal injury and damage to the appliance.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Release clip</td>
</tr>
<tr>
<td>2</td>
<td>Rear of rack rail</td>
</tr>
</tbody>
</table>

**To remove the appliance from the rack:**
1. Move the appliance away from the rack as far as possible.
2. On the appliance rail, push the release lever and move the appliance away from the rack rail.
3. Push the release clips and move the rack rails into the rack as far as possible.
Appliance Air Vents

Make sure that the appliance air vents have sufficient airflow when the appliance is mounted in a rack.

⚠️ **Important** - If the appliance vents are blocked, the appliance can become too hot and can be damaged.

The rails do not block air flow to the appliance. These appliances are specifically designed to install with these rails. They have been tested in extreme conditions and meet all specifications and requirements.
1U Appliance Airflow
2U Appliance Airflow