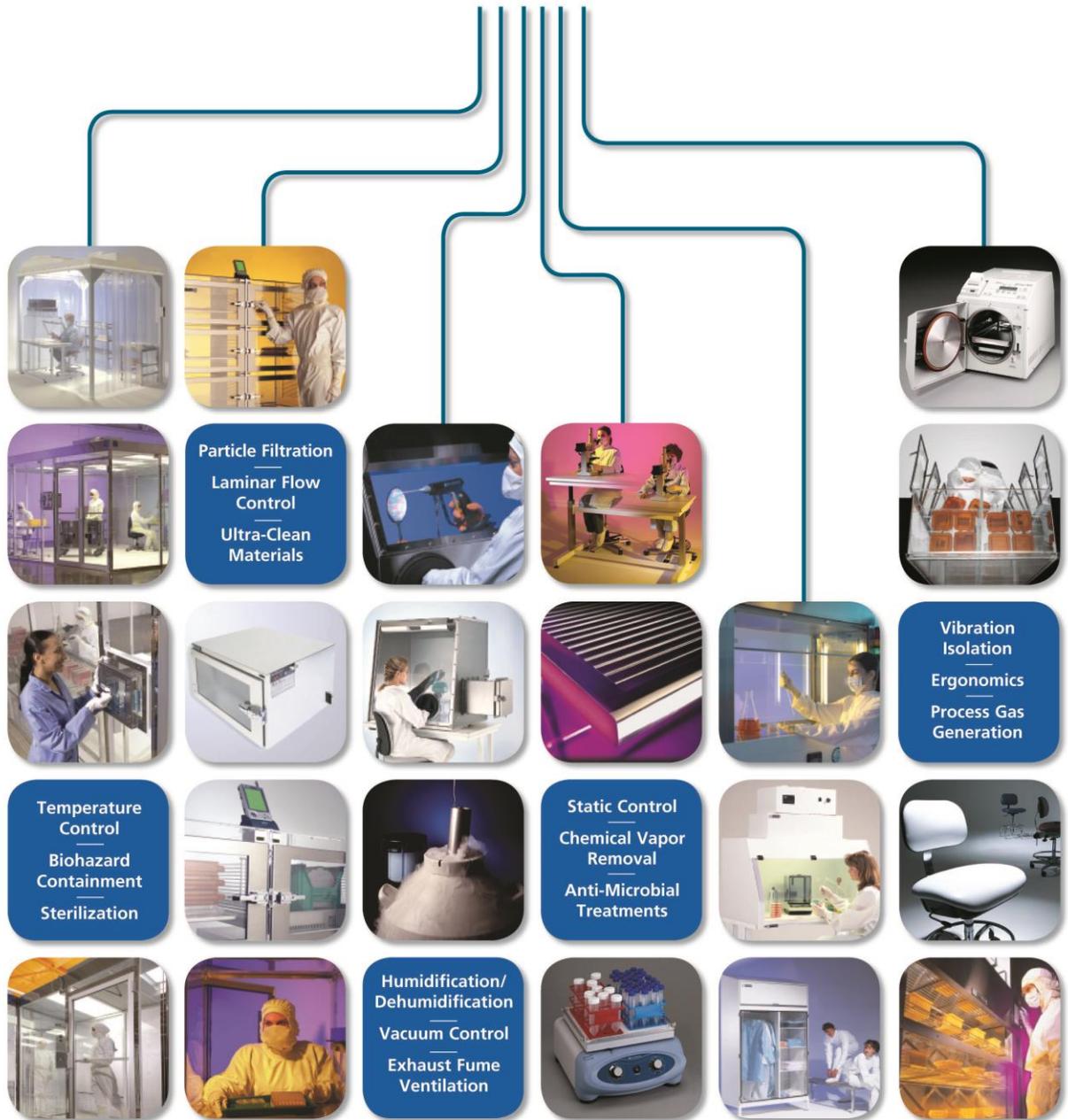


Cleanroom Mirrors

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Your Comprehensive Equipment Source





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The following symbols are intended to call your attention to two levels of hazard involved in operation:

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CAUTION

Cautions are used when failure to observe instructions could result in significant damage to equipment.



WARNING

Warnings are used when failure to observe instructions or precautions could result in injury or death.

The information presented here is subject to change without notice.

1.0 Description

Terra Universal's Cleanroom Mirrors are offered in three configurations:

- Dual-sided free-standing
- Framed wall-mount
- Frameless wall-mount

The Dual-Sided Free-Standing mirror is attached to a stainless steel stand with sloped sides to reduce particle buildup. This design offers more options for positioning and division of space.

The Framed Wall-Mount mirror features a distortion-free glass mirror mounted to an ultra-smooth, mirror-finish 304 stainless steel frame with powder-coated steel backing for easy cleaning and cleanroom compatibility. The beveled top also minimizes particle accumulation.

The Frameless Cleanroom Mirror is Terra's cleanest design, eliminating all horizontal and sloped surfaces. Installation is fast and the edges can be sealed to the wall with cleanroom-appropriate caulking.

Because of the weight of the mirror, it should be mounted only according to the instructions below. Safe installation requires two people, a level, a drill and mounting fasteners appropriate to your wall construction.



Figure 1: Frameless wall-mount cleanroom mirror



2.0 Installation (Wall-Mounted Models)

Framed Wall-Mount Installation

The Framed Wall-Mount mirror is shipped fully assembled and includes a mounting plate to simplify installation. The mounting plate will have to be detached from the mirror to begin installation.

1. Two pegs hold the mounting plate in the mirror assembly. Remove the mounting plate by gently lifting outward from the bottom edge and then pulling down to release the pegs.

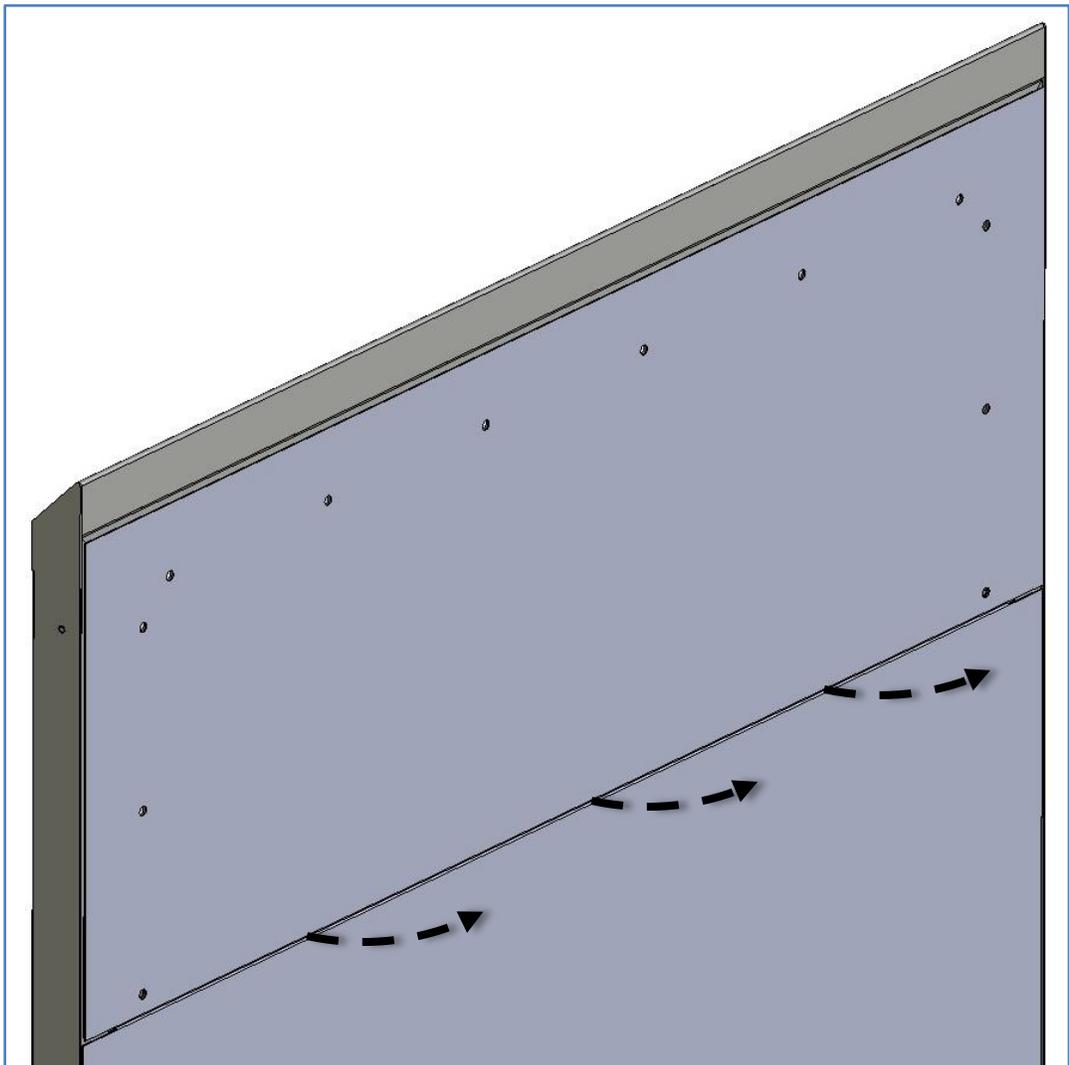
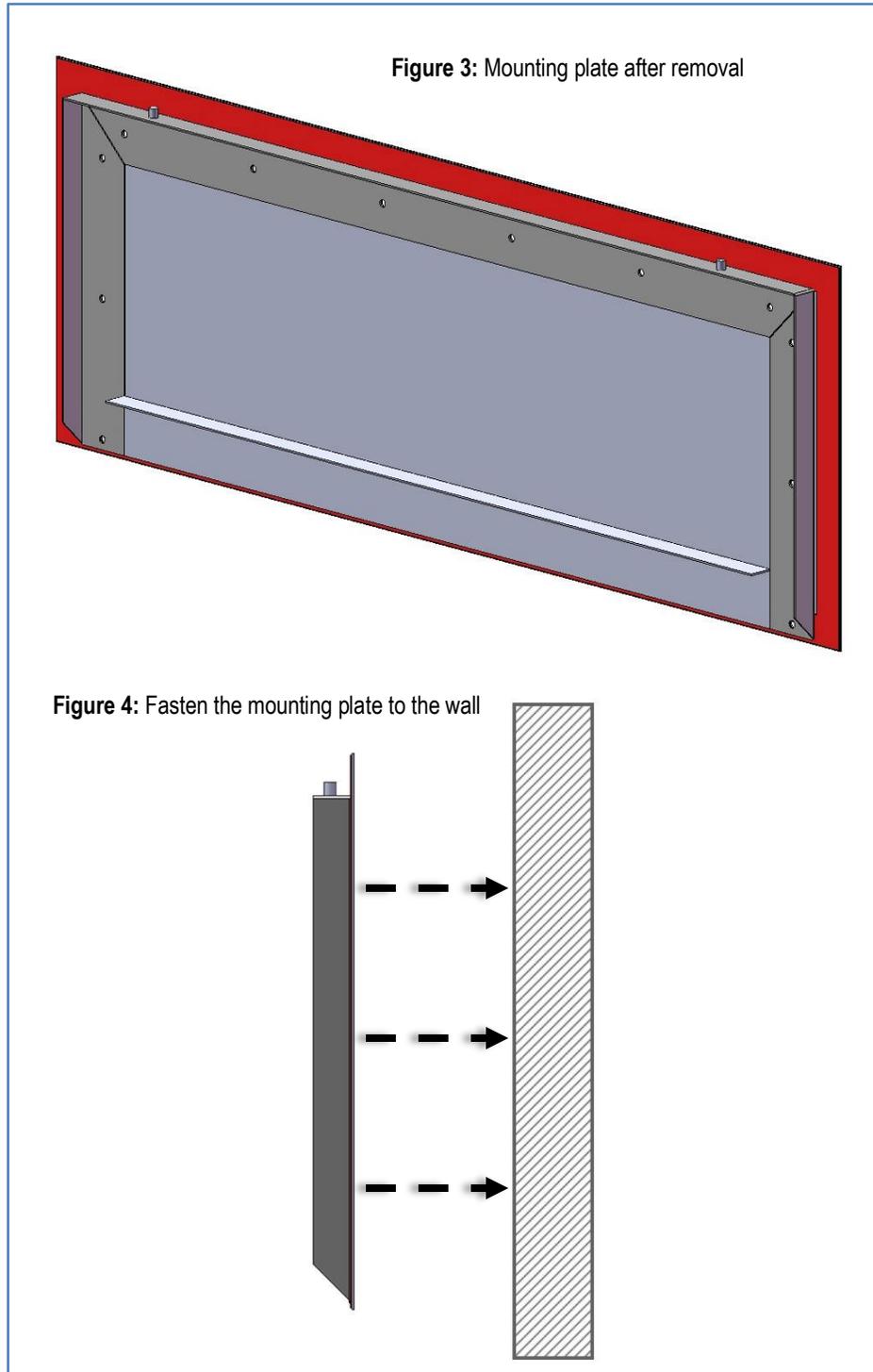


Figure 2: Pull outward and then downward from the bottom edge to release the mounting plate



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2. Mount the plate to the wall in the desired location. Make sure that the plate is mounted level and sufficiently high above the floor to accommodate the height of your mirror. Due to the weight of the mirror, the plate should be attached using all available mounting holes and positioned so that at least two pairs of fasteners attach to wall studs.





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3. Carefully lift the mirror above the mounting plate and slowly lower it until the two pegs on the mounting plate engage the corresponding holes in the mirror support frame.

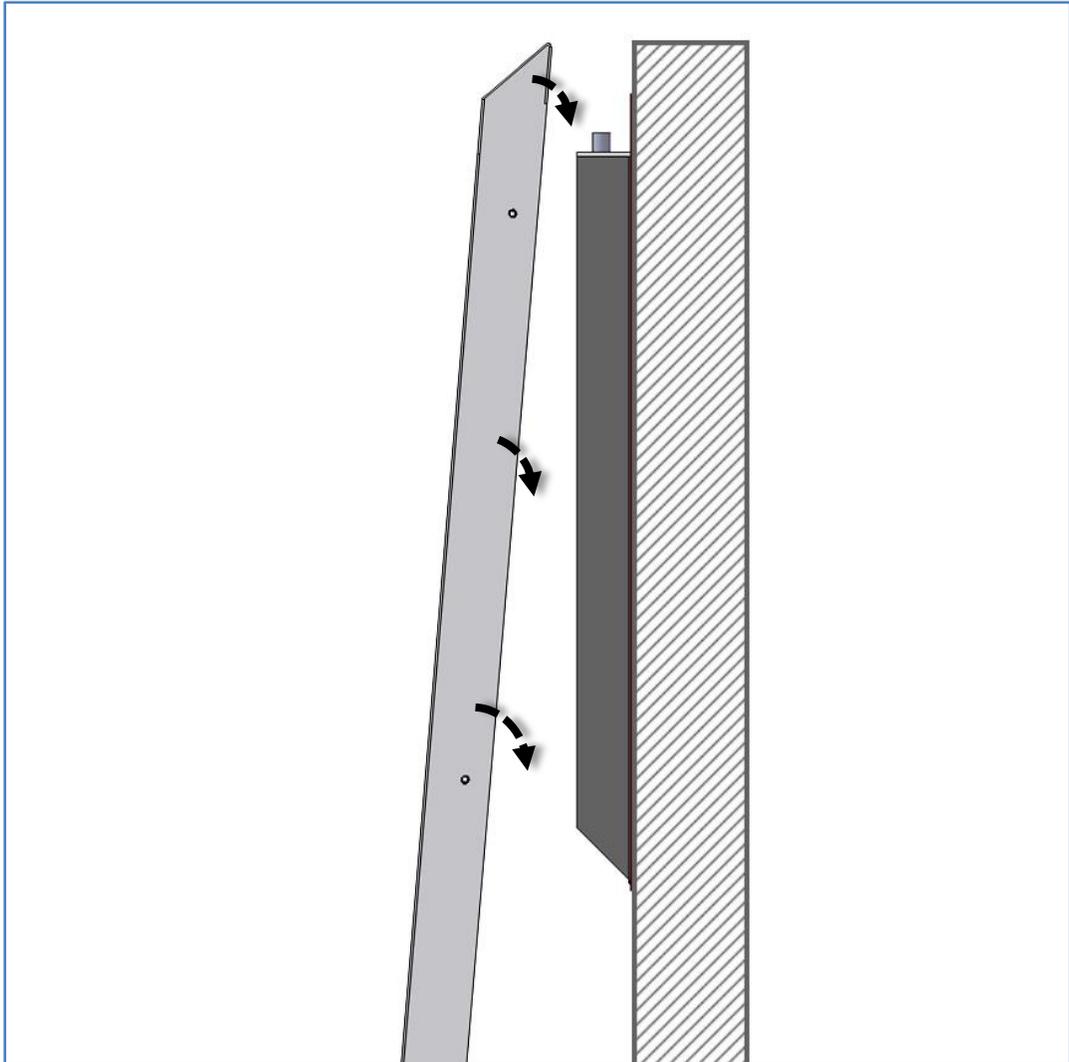


Figure 5: Hook the mirror assembly onto the mounting plate, making sure to engage the pegs in the holes



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Frameless Wall-Mount Installation

The Frameless design is supplied with one large mounting bracket and one small mounting bracket. These mounting brackets will be fastened to the wall prior to hanging the mirror. The back of the mirror has two recessed slots that hook onto the mounting brackets.

1. Using the recommended distances in the chart below, measure and mark the mounting heights for the two brackets. Use a level to mark the horizontal alignment and then mark the center-line for the two brackets.

Recommended Distance Separating the Mounting Brackets	
5252-58B	65-1/4"
5252-59B	65-1/4"
5252-60B	17-3/8"
5252-61B	29-5/16"
5252-62B	29-5/16"
5252-63B	41-1/4"
5252-71	53-1/4"



The distances in the table above are measured from the bottom edge of the upper bracket to the bottom edge of the lower bracket (see Figure 6).

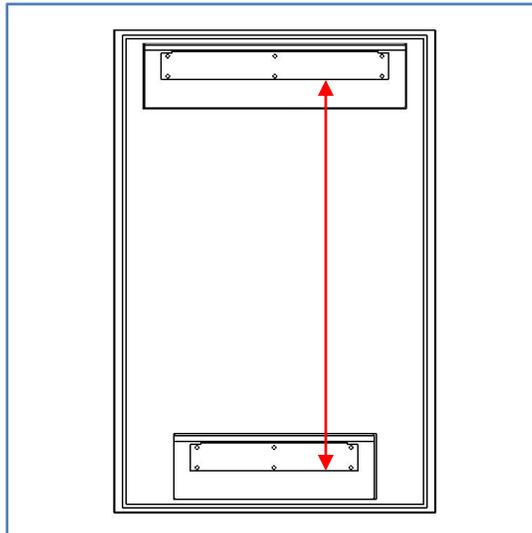


Figure 6: Measure out the mounting bracket locations from bottom edge to bottom edge



Figure 7: Mounting bracket installed on wall (fasten center holes if wall studs are unavailable)



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2. Use the predrilled holes to fasten the mounting brackets to the wall studs at the marked heights. Align the center holes on the brackets with the center-line drawn in Step 1. Be sure to level the brackets before fully fastening.



The predrilled holes in the center of the bracket are to be used if wall studs are not used for support. Use wall anchors where appropriate.

3. With two people working together, lift the mirror assembly and position it up against the wall, guiding the mounting brackets into the cut-outs on the back of the mirror.
4. Once the back of the mirror is flush with the wall, slide the mirror downward until it catches on the mounting brackets. Carefully apply firm downward force to ensure that the mirror is completely hooked onto both mounting brackets.

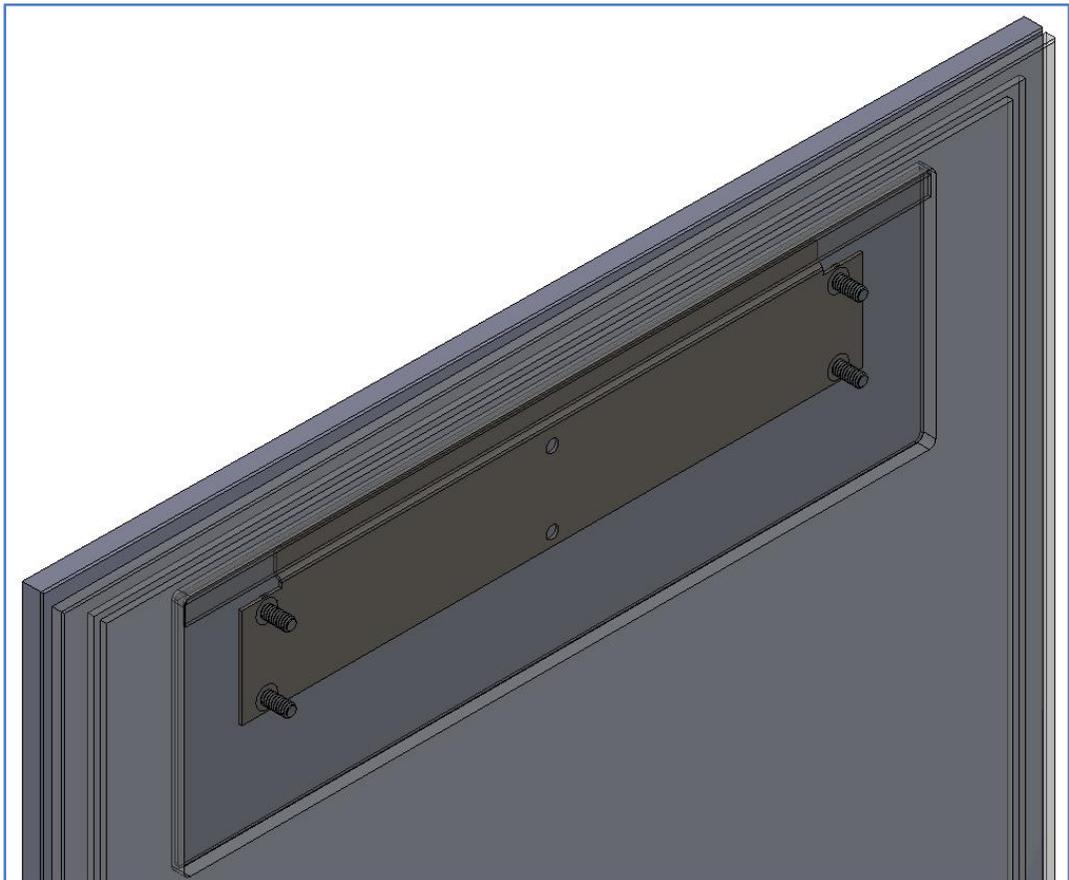


Figure 8: Hook the recessed slots (on the back of the mirror) to the mounting brackets, as shown above.

5. If desired, seal the edges of the installed mirror with an appropriate caulking.



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3.0 Cleaning

Periodically, clean the mirror and mirror frame using a clean, non-linting cloth (polyester is recommended for cleanroom environments) and alcohol or a mild detergent. Avoid circular motion while cleaning. Instead, wipe along the mirror from one edge to the other, and fold the cloth after each pass to contain particles.

4.0 Specifications



Refer to the original order form for exact specifications applicable to your unit.

NOTE

Framed, Wall-Mount Cleanroom Mirror

Construction	
Mirror	0.25"-thick distortion-free plate glass
Support Frame	Welded CR steel square tubes and sheet metal backing with powder-coat finish
Frame Finish	Mirror-finished 304 stainless steel
Gasket	Santoprene (between glass and mirror-finish frame)

Frameless, Wall-Mount Cleanroom Mirror

Construction	
Mirror	0.25"-thick distortion-free plate glass
Backing	Acrylic



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Generally, customers can improve the chance of collecting on a freight claim by following these procedures: 1) formally requesting that the carrier inspect the shipment immediately upon suspecting damage or shortage to verify condition; 2) notifying the carrier upon discovery of concealed damage and requesting an inspection within 15 days of receipt, both in person or phone and following up via mail; 3) keeping the shipment as intact as possible, including retaining original packaging materials and keeping the product as close to the original receiving location as possible; 4) holding salvage for disposition by the carrier.

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***Thank you for ordering from
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