

# Installing the Harsh Environment Bottom Filter kit

The Harsh Environment Bottom Filter kit provides enhanced air filtration for Griffyn Series projectors. This kit is recommended in operating environments where smog, dust, or other particulates are affecting ambient air quality.



When the Harsh Environment Bottom Filter kit is installed on the projector, the Fan Profiles must be run in Performance mode.

## Affected products

The following products are affected.

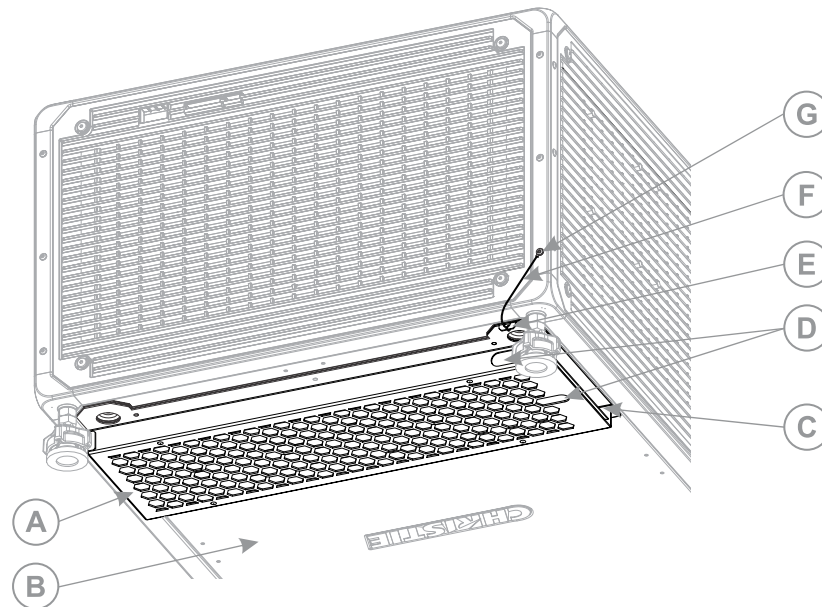
- Griffyn® Series

## Required components and tools

The following components and tools are required.

- Harsh Environment Side Bottom Filter kit (P/N: 163-196107-XX)
- 2.5 mm hex driver (included in projector tool kit)

## Harsh Environment Bottom Filter kit components

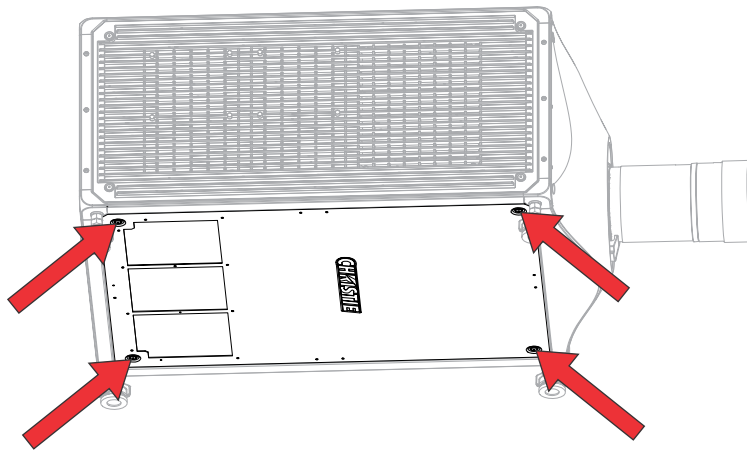


- A Harsh environment bottom filter
- B Bottom cover
- C Filter opening
- D Finger opening
- E Frame hole
- F Tether
- G Accessory screw

## Installing the Harsh Environment Bottom Filter kit

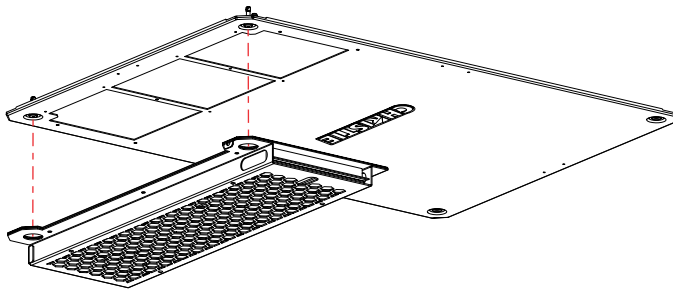
Follow these steps to install the Harsh Environment Bottom Filter kit.

1. Remove the harsh environment filter and frame from the box.
2. If you do not have full access to the bottom cover, remove the bottom cover.
  - a) Loosen the four screws securing the bottom cover.

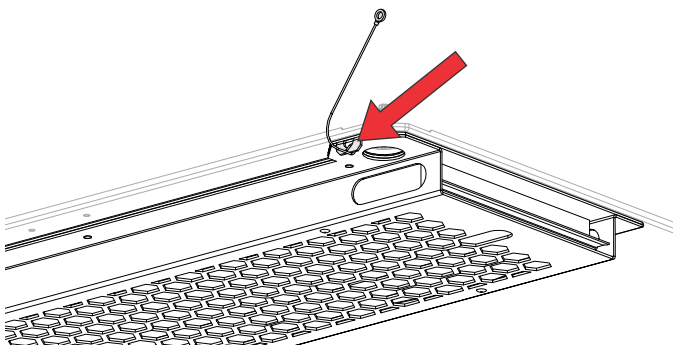


b) Remove the bottom cover.

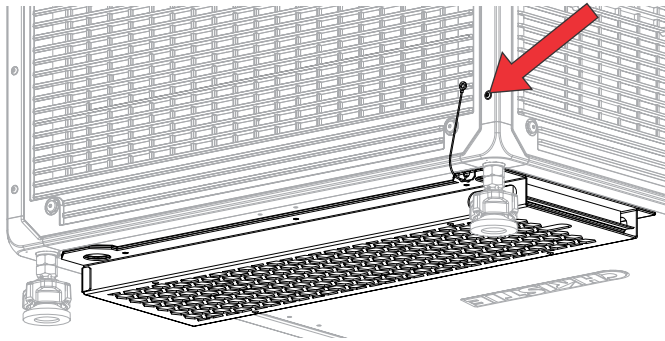
3. Peel the backing off the harsh environment frame double-sided adhesive.
4. Position the holes of the harsh environment frame over the cover screws and align to the edge of the cover and press down to adhere the tape to the cover.



5. Attach the tether through the frame hole.

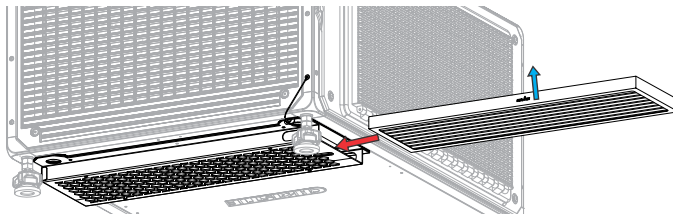


6. Reinstall the bottom cover and frame.
7. Remove the accessory screw at the bottom of the rear of the projector.



8. Use the accessory screw removed in step 7 to anchor the tether strap in this location.
9. Unbag the filter and install the filter by sliding it in the open slot of the frame by pulling down on the spring tab, making sure to adhere to the air flow direction (highlighted by the blue arrow in the image below).

You can use the finger opening at the bottom or sides to help with installation and removal of the filter.



10. Refer to the line drawings for updated clearance numbers.
  - a) Go to [www.christiedigital.com](http://www.christiedigital.com).
  - b) Sign into the Partner Portal.
  - c) Navigate to your projector model.
  - d) Switch to the **Downloads** tab and expand **Line drawings** section.
11. Set the fan profile to performance by selecting **MENU > System Settings > Power Settings > Fan Speed Profile > Performance**.

## Technical support

Technical support for Christie Enterprise products is available at:

- North and South America: +1-800-221-8025 or [Support.Americas@christiedigital.com](mailto:Support.Americas@christiedigital.com)
- Europe, Middle East, and Africa: +44 (0) 1189 778111 or [Support.EMEA@christiedigital.com](mailto:Support.EMEA@christiedigital.com)
- Asia Pacific ([support.apac@christiedigital.com](mailto:support.apac@christiedigital.com)):
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