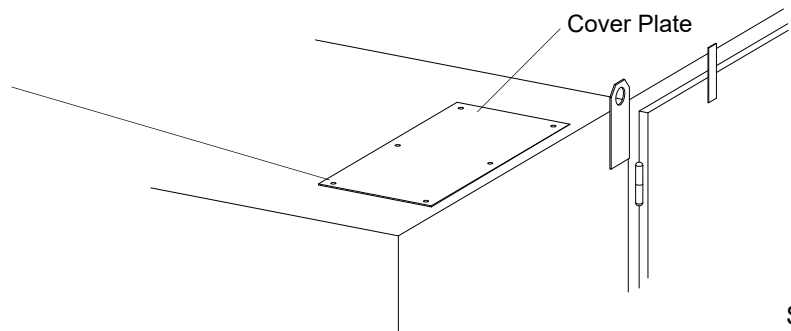


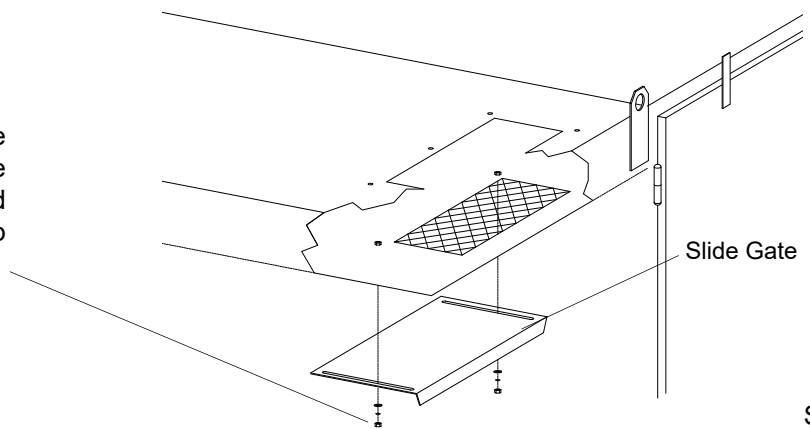
When a HEPA filter is installed on a Pulsar®, static pressure adjustment is moved from the slide gate on the bottom side of the cabinet, to the HEPA filter base and outlet damper. If a manometer is available, follow the instructions that come with the manometer and check the static pressure at the reclaimers, as noted under "Static Pressure", in the adjustment section of the of the cabinet owner's manual. Knowing the pressure will enable you to set the system to the same pressure when the damper and filter are installed. If a manometer is not available, note the negative pressure by observing the gloves inflation and resistance when opening the door. When the filter and damper are installed set the damper as close as possible to the glove inflation and door resistance. Readjustment of the damper may be required after blasting for a while, to obtain an optimum balance of dust removal without media carryover.

Remove the six screws securing the HEPA cover plate on the top, left, rear corner of the Pulsar cabinet, and remove the plate. Under the plate is a gasket. The gasket will stay on the cabinet or come off with the plate. Leave it where it stays.



Step 1

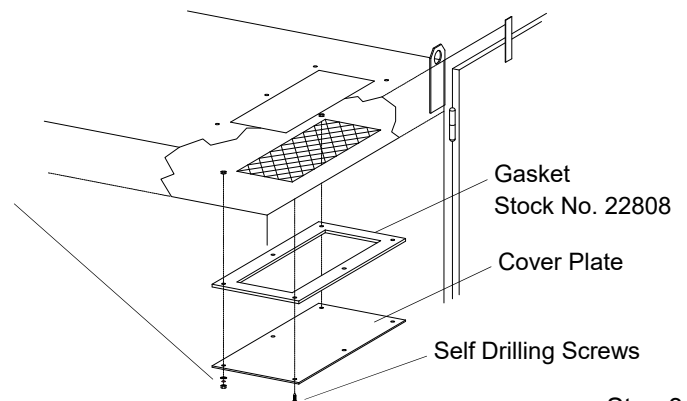
From the top, underside of the power module, remove the two nuts and washers and remove the slide gate. Keep the fasteners for reuse.



Step 2

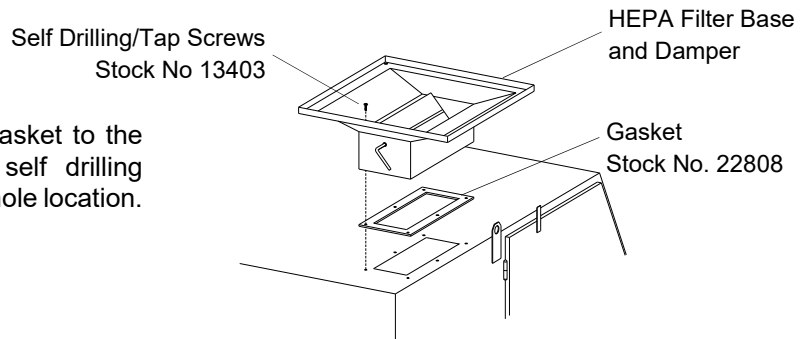
Install the cover plate removed from the top to the slide gate opening on the underside of the module top. Use the gasket if it is with the plate, if not use the new gasket that came with the filter assembly.

First secure the plate and gasket with the two nuts and washers that were removed with the slide gate. When secured, use self drilling screws at the remaining screw hole locations.



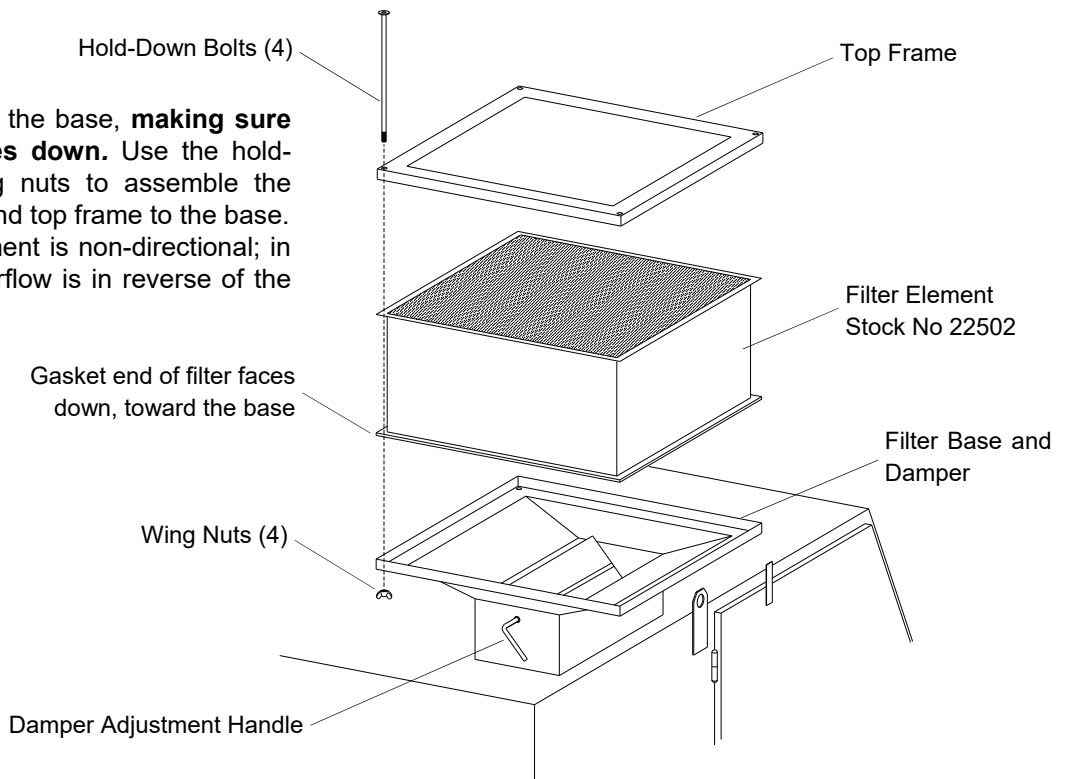
Step 3

Install the HEPA filter base and gasket to the opening atop the cabinet. Use self drilling screws to secure the base at each hole location.



Step 4

Place the element on the base, **making sure the gasket end faces down**. Use the hold-down bolts and wing nuts to assemble the HEPA filter element and top frame to the base. NOTE: The filter element is non-directional; in Pulsar applications airflow is in reverse of the airflow label.



Step 5

Adjust the damper to obtain optimum dust removal without media carryover.

The only maintenance required is the occasional replacement of the HEPA filter element. Typical change-out point is 3" above the initial drop.