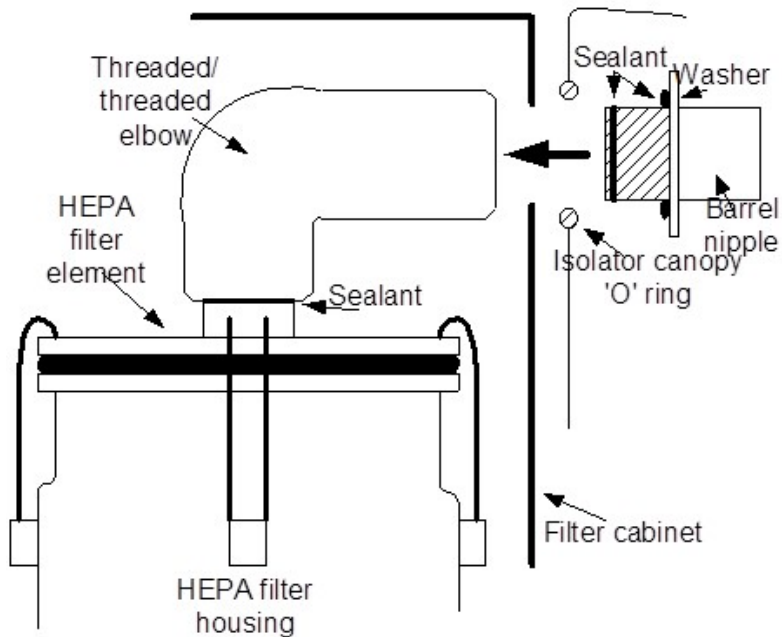


9. Appendix C – Filter positions

Inlet – HEPA assembly

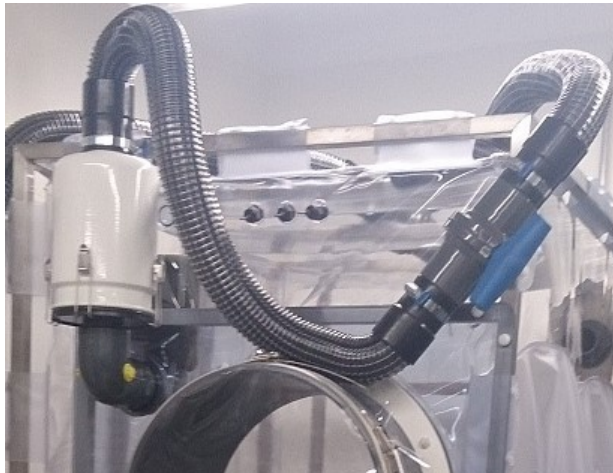


Outlet HEPA assembly *with or without casing

Exhaust Filter assembly can be without casing - in this case the exhaust air from the Isolator will be released into the room.



Filter assembly with Aluminium casing will allow connection to a room exhaust. An additional valve will be fitted to control airflow



HEPA Filter attachment – Exhaust – procedure

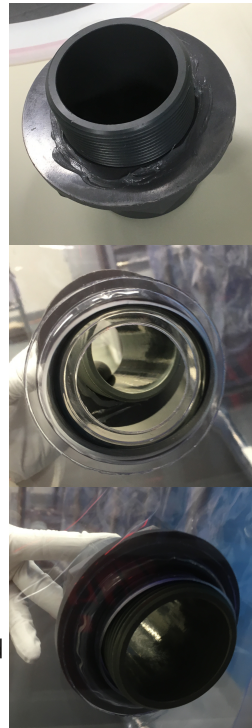
Components

NKP Type HEPA Filter Element
Pre Filter for HEPA / Inlet
2" Threaded/Threaded Elbow
2" Hex Nipple
Sealant

Tools

Sealant Gun

1. Apply a 1/4" (6mm) bead of sealant to the Hex nipple where the threaded section meets the washer.
2. Apply a 1/8" (3mm) bead of sealant to the threaded section of the Hex nipple approximately 1/4" (6mm) from the end.
3. Introduce the Hex nipple into the isolator canopy via the entry port.
4. Push the threaded section of the Hex nipple through the 27/8" 'O' ring, which is welded into the isolator canopy at the entry port end of the canopy.
5. Repeat item No.4 pushing the Hex nipple through the pre-cut hole in the port plate.
6. Take the threaded/threaded elbow and screw the longest section to the



protruding threaded section of the barrel nipple, tighten up the elbow so that sealant escapes from between the barrel nipple washer and the 'O' ring welded into the canopy. Ensure the elbow is secure and positioned with the short section of the elbow facing up.

7. Optional: Apply a 1/8" (3mm) bead of sealant around the threaded section of the filter element approximately 1/2" (13mm) into the elbow.
8. Screw the filter element fully into the short section of the elbow.
9. Smooth the sealant which has escaped from this joint with a gloved finger to ensure a seal.
10. Slide the rougher filter cover assembly over the filter element or attach Filter housing.

