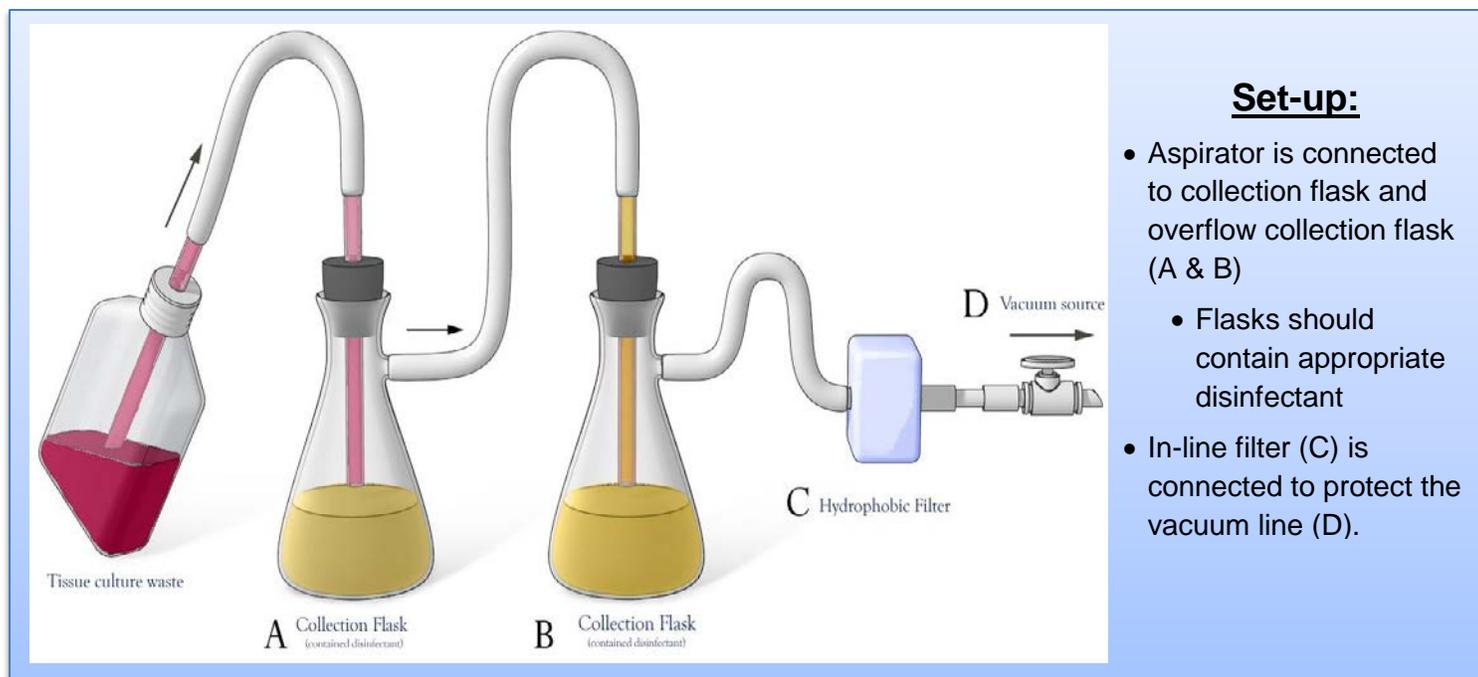


QUICK REFERENCE: PROTECTION OF VACUUM SYSTEMS

Vacuum lines must be protected with filters to protect building central vacuum systems. Filters must be replaced as needed.



Set-up:

- Aspirator is connected to collection flask and overflow collection flask (A & B)
- Flasks should contain appropriate disinfectant
- In-line filter (C) is connected to protect the vacuum line (D).

Filter Options: Use in-line, hydrophobic, filters made of PTFE with 0.3µm particle retention. Filters are available from most scientific vendors.

Name	Properties	Dimensions	Part Number	
Vacushield * Vent Device, Pall* Life Sciences	Hydrophobic PTFE membrane filter, 0.3µm particle retention, autoclavable	Stepped hose barb 6.4 - 12.7 mm diameter	Pall 4402	
Whatman HEPA-Vent Filter	mildly hydrophobic, 0.3µm particle retention, autoclavable	Inlet/outlet: 1/4 to 3/8 inch stepped barb	Whatman 6723-5000	
Millipore Millex Vacuum Line Protection	Hydrophobic PTFE membrane filter, autoclavable	Variety of inlet/outlet combinations, including stepped hose barb & 1/8 NPTM	Millipore SLFH050 10 SLFG750 10	

Decontaminate aspirated materials:

- Use disinfectant in collection flask – will kill microbes.
- Decontaminated materials can be poured down the drain.
- Collection flask outside the BSC must be in secondary containers to prevent breakage or spillage.

