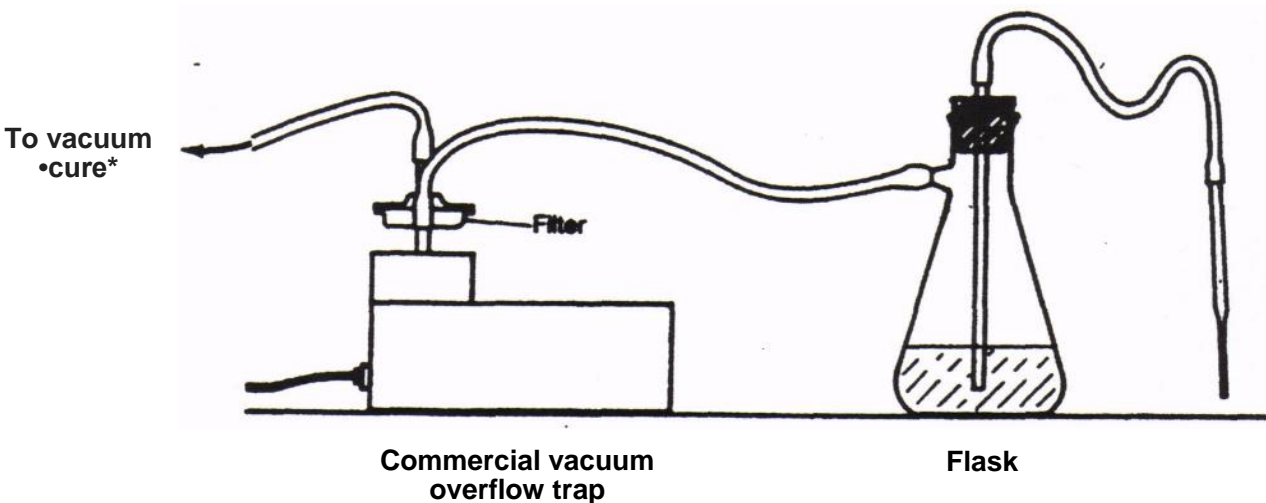
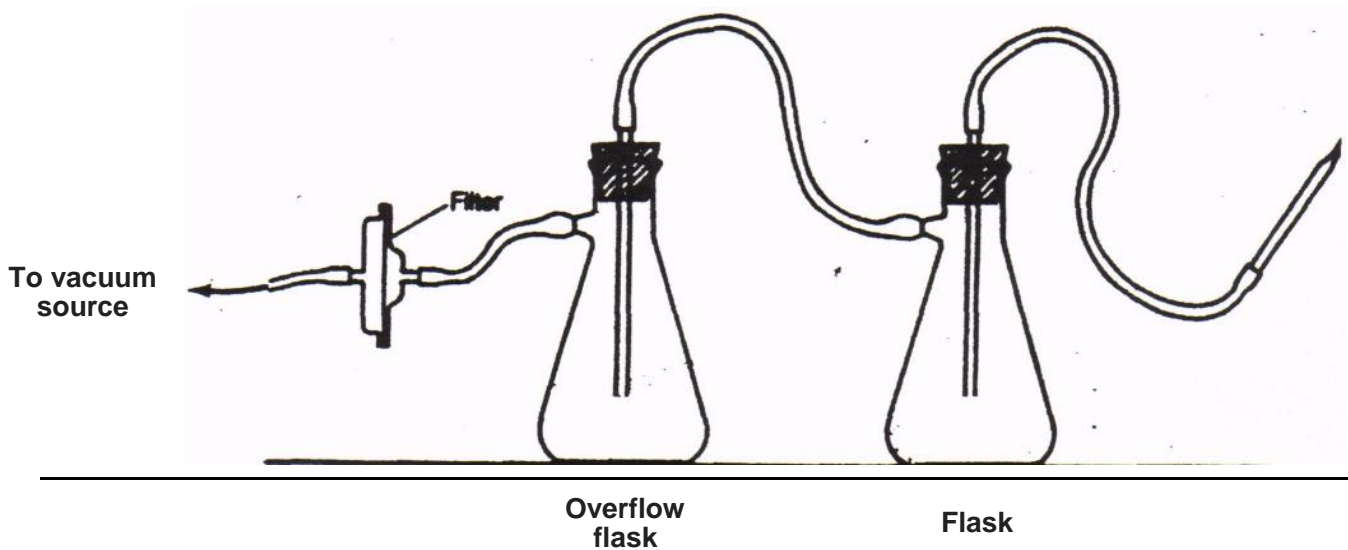


Stanley Manne Children's Research Institute

Safety Issue - Laboratory Vacuum

When laboratory vacuum is used, a suitable trap must be employed to insure that the laboratory/building vacuum lines and pumps do not become contaminated, clogged or ruined. The figure* below illustrates acceptable trap arrangement. The upper arrangement uses parts available in most laboratories (the condensation filter and traps are available from most laboratory vendors). When using biohazardous materials, bleach is usually placed into the flask before using the vacuum.



*The Foundations of Laboratory Safety: A Guide for the Biomedical Laboratory / Rayburn, Stephen R. Springer, 1990.