

Instructions

Motiv-Air-Torr, model ASP-520 series

Note: All connections are labeled on the aspirator. An arrow also indicates direction of the motive fluid (liquid or gas).

Pressurized motive gas ----- P

Vacuum ----- V

Exhaust output ----- O

Installation:

1. Connect the pressurized motive gas to a regulator equipped with a pressure gauge. Size the line from the source to give sufficient flow and pressure to operate the system.
2. Connect the regulator to the ¼” tube connection marked “P” on the aspirator.
3. Connect the vacuum port “V” of the aspirator to the line to be under vacuum (sample).
4. Adjust the regulator to give the desired flow and vacuum. When discharging to the atmosphere, air pressure over 30 psig will not further increase vacuum. If discharging to a back pressure, increase motive air pressure to attain the desired flow. Increase the size of the vent line if necessary.
5. The jets on all aspirators have been set for maximum dead head vacuum, generally at 18” Hg or greater. The operating characteristics may vary slightly from aspirator to aspirator.

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