

The golden rules of vacuum technology

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Best practices for rotary vane pumps – maximize performance and pump life time



Minimize internal condensation

- Let the pump warm-up for 30 minutes period before use, with closed/isolated inlet.



Keep the pump environment clean

- Oil mist filter for recovery of excessive oil from the pump exhaust.



Avoid accumulation of chemicals inside the pump

- Gas ballast helps to purge condensable vapors.
- Inlet cold trap protects the pump from chemicals.



Ensure good pumping speed and vacuum performance

- Short connections with sufficient line cross-section and leak-tight small flange connections.
- Choose suitable tubing material.



Keep the pump clean

- Let the pump run 30 minutes post-operation after each use, with open gas ballast and closed/isolated inlet.



Never block the pumps' outlet

- Keep the pump exhaust free.



Protect the pump mechanics by preventing particle aspiration

- Use an inlet separator.
- Choose suitable tubing material.



Take good care of the pump

- Regular oil check and oil changes.
- Regular maintenance.