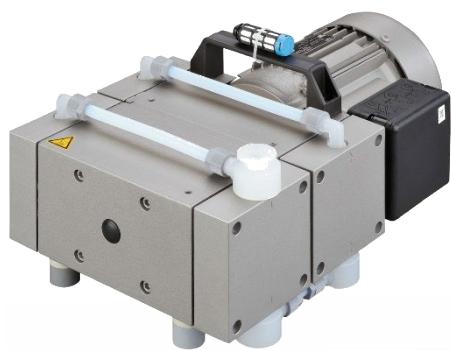


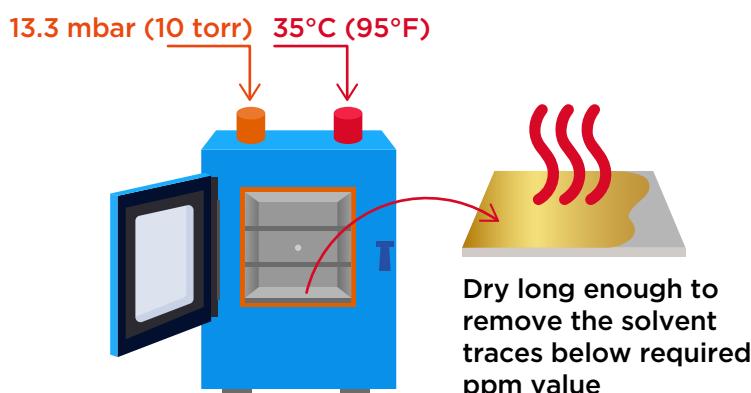
# VACUUM OVENS

“Purge Ovens”, “Vacuum Purge Ovens”



## THE VACUUM PURGE OVEN PROCESS

Apply warmth and vacuum to remove all traces of extraction solvents



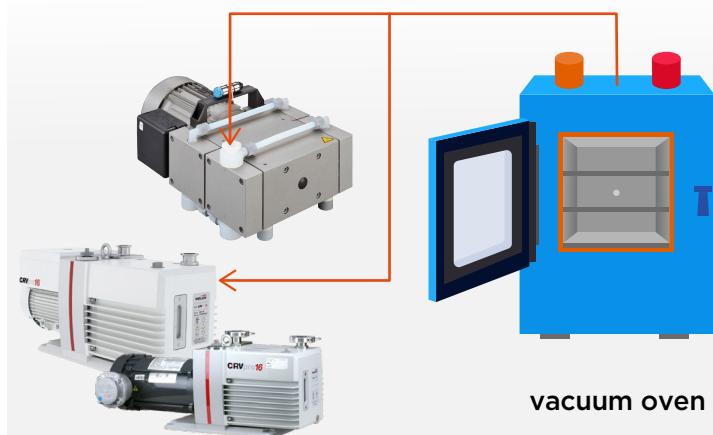
1. Set desired temperature
2. Evacuate oven to below 10 torr

## KEYS TO SUCCESSFUL PURGE OVEN OPERATION

- Typical temperatures are 35-40°C (95-105°F) in oven.
- Warm up sample, then apply vacuum.
- Most oils will muffin when vacuum reaches around 677-745 mbar/508-559 torr (20-22" Hg). Open vent valve to shock-collapse muffin, close to continue. Might need more than one shock.
- Vacuum gauges on most ovens are relative and will read lower if at elevation.

## WELCH VACUUM PUMPS

An integral part of the purge oven process



## WELCH CHEMICAL DUTY DRY VACUUM PUMPS IN A NUTSHELL

1. Dry and Oil-Seal Pumps let you take solvents below 99.8 mg/L (100 ppm).
2. Models 2052, CRVpro8, CRVpro16-XPRF popular
3. Explosion Proof Motor Vacuum Pumps for C1D1 rooms
4. Fast Delivery and Expert Support

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