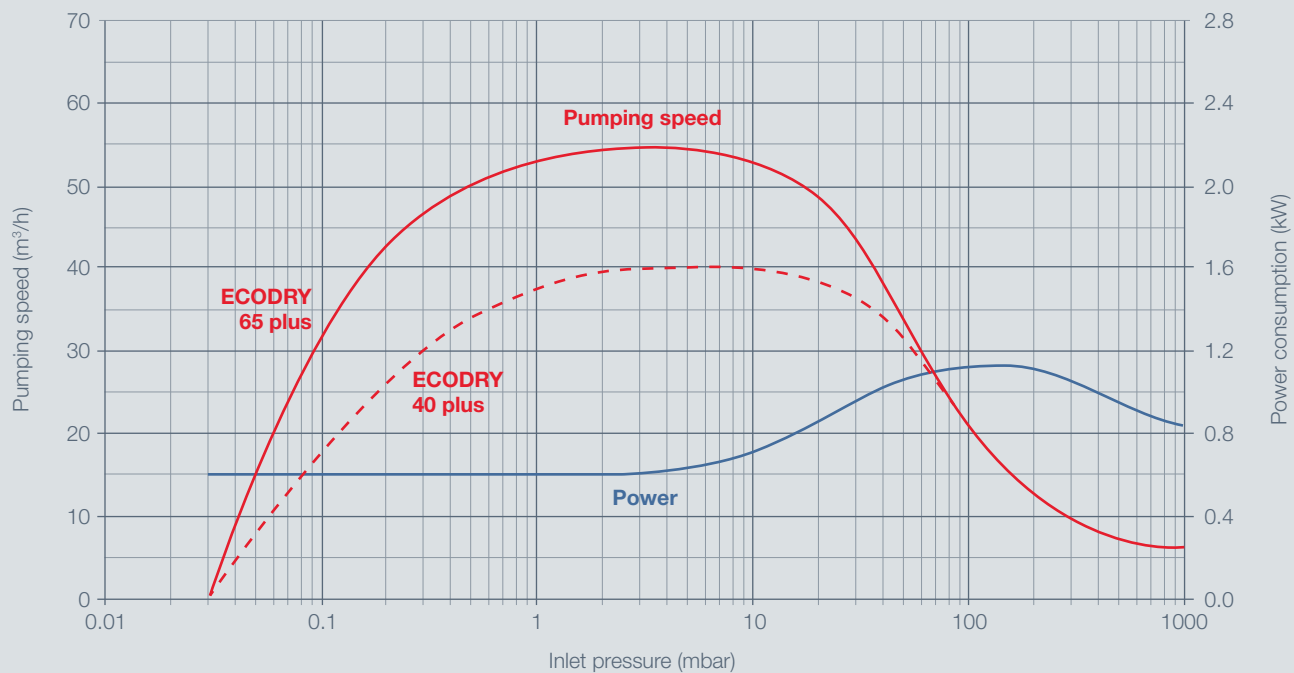


## Pumping speed curves



## No contamination, extra-low maintenance

**Ultra-high vacuum (UHV) applications** require reliable backing pumps for supporting turbomolecular pumps. To avoid disturbing sensitive measurements, noise should be kept to an absolute minimum and contaminants prevented.

The ECODRY plus is extremely quiet and easy to operate – ideal for UHV labs. It offers sufficient pumping performance to back systems of several turbomolecular pumps. In addition, the clean pumping mechanism produces no contaminants. The ECODRY plus is maintenance-free for users – so scientists can concentrate on their experiments without needing to service the pump.

## Clean, mobile, and strong

**Large-scale accelerators** have large-volume vacuum chambers to be evacuated. Contamination by dust or oil must be avoided at all times. In addition, pumps need to be able to handle continuous exposure to water vapor.

The ECODRY plus fulfills the high requirements for cleanliness and provides enough pumping speed to evacuate chambers of considerable volume. Due to its high water-vapor capacity, it operates reliably, even in the case of heavy desorption from chamber walls. What's more, the pump is lightweight and compact and can be easily moved around on wheels.