

High-vacuum pumps

The Vector series of high-vacuum pumps will reach 300 L/min and are continuously rated for industrial, heavy-duty applications.

The pumps will be available in a range of flow rates and will cater for diverse applications, such as ammonia or corrosive acidic vapours.

The series can also be used to back high-vacuum pumps such as diffusion and turbo, an economical way to achieve high vacuum within 10^{-3} to 10^{-4} mbar parameters. Vector's integrated electronic anti suck-back device isolates a vacuum system holding the level of vacuum in the chamber, while simultaneously venting the vacuum pump in the event of a power failure or shutdown.

Improved oil flow offers enhanced lubrication and cooling, while the larger finned surface area of the oil box also enhances cooling capability, allowing the vacuum pump to operate at maximum efficiency. This cooler environment gives sustainable vacuum and less wear and tear on the overall unit.

All models will have changeover cartridges and a magnetic sump plug to aid in capturing contaminants. Optional inlet fittings in each model will allow the user to select the appropriate connection for their application.

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