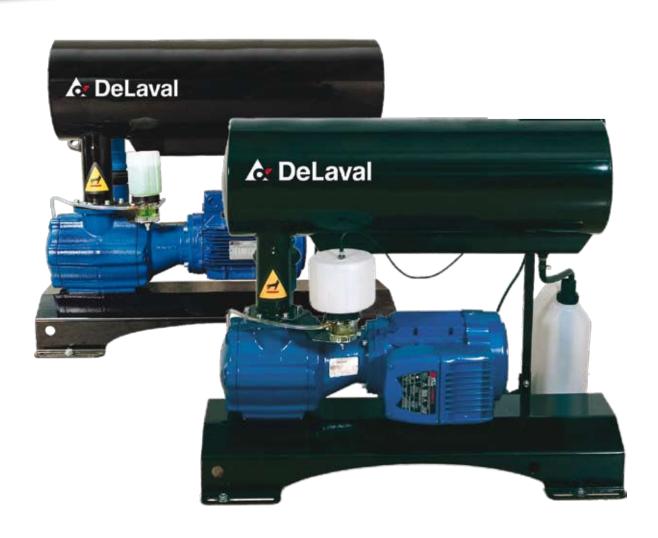


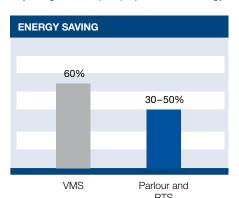
Reliable energy-saving modern pumps DVP vacuum pumps





Is your old vacuum pump using a large volume of oil and needing constant maintenance? Replace it with a direct-drive DeLaval vane vacuum pump and benefit immediately from constant vacuum, improved reliability, reduced oil consumption – and less noise.

Adjusting vacuum pump speed saves energy



Energy saving

The DeLaval DVP vane vacuum pump is available with or without a variable speed drive (VSD) to regulate pump speed. Regulating speed saves energy, electricity costs, and reduces noise.

Optimise your milking system

The DeLaval DVP provides a constant and stable vacuum level to help ensure regulators, pulsators and milking clusters function well within a consistent, comfortable milking process. This encourages better milk quality and higher farm productivity.

Safe and easy to install

This reliable solution is simple to install because the majority of components are factory fitted. As these pumps have no exposed moving parts they are safer to operate and easier to maintain than belt-driven systems.

In addition to the pump and motor the DeLaval DVP is supplied with check valve, lubricator, piping and an oil reclaimer/silencer. Up to 95% of the oil used in the DeLaval DVP is collected for careful disposal.

All pumps have a cyclone interceptor vessel (CIV) which removes airborne contaminants – keeping your pump clean and problem-free.

Reliable performance

A reliable vacuum pump is crucial to efficient milk extraction. The DeLaval DVP has reliability built in. Direct-drives eliminate the worries associated with belt-driven pumps: no vacuum fluctuations caused by loose-fitting, badly aligned transmission belts, no belts to adjust or replace. Your vane vacuum pump operates more precisely and tolerances are reduced, for smoother running which uses less oil.



Efficient operation

Our direct-drive system efficiently combines with precise pump tolerance to deliver more vacuum per kW output.

Made for milking

Combined with a variable speed drive the DeLaval DVP continually adapts the vacuum level to your milking system. You set the desired level and the controller reduces the speed of the pump to precisely match your milking needs. The vacuum controller is easy to programme for milking. Just connect and follow the intuitive set up process.

Save energy with a VSD

An average milking session uses 30 to 50% of the vacuum pump's full capacity, but cleaning uses up to 100%. The DeLaval vacuum pump VSD adjusts the speed of the pump to meet your system's requirements. This action is customer proven to save between 30 to 60% of energy costs.

Lower noise levels

With the DeLaval DVP and VSD you can have a conversation in the milking parlour without having to compete against noise from the vacuum pump. The pump is relatively quiet during milking because it runs at a lower milking speed.

Vacuum stability

The DeLaval VSD provides vacuum stability. The complete system with vacuum sensor, motor, and VSD reacts quickly to any kind of fluctuations in vacuum level. As extra security if something should go wrong, the vacuum regulator will cut vacuum.

Double the capacity and security

If you want the security of a twopump system, with the installation advantages of a single pump, you can install two DeLaval DVP pumps in the floor space normally required for one. Double-assembly of two DeLaval vacuum pump DVP systems combines extra capacity and security.







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	Capacity (litre/min)				
Model	50 kPa	Pipeline milking 48 kPa	Parlours and VMS lowline 42 kPa	Motor kW	dB(A) Noise level at 50 Hz
DVP800	800	834	936	2.2	74
DVP900F	900	938	1 053	2.2	74
DVP1200	1 200	1 251	1 404	3.0	70
DVP1600	1 600	1 668	1 872	4.0	71
DVP2300	2 300	2 400	2700	5.5	81
DeLaval VSD co	mplies with all CE, UL	and CSA requiremen	ts.		