

VARIABLE SPEED DRIVE

REDUCE ENERGY USE



www.boumatic.com



VSD



REDUCE ENERGY

Dairy producers can significantly cut energy costs by equipping their vacuum pump with a variable speed drive from BouMatic. The variable speed drive can speed up or slow down the vacuum pump to produce just the amount of airflow needed at any point during milking or cleaning. On-farm trials have produced electrical savings of up to 60% when using a vacuum pump equipped with a variable speed drive.

Reduce energy use with a variable speed control

- **Achieve electrical savings** - On-farm trials have produced electrical savings of more than 60%. Constant-speed vacuum pumps turn out much more airflow than is required for milking or for cleaning a milking system. Traditionally, one or more vacuum pumps are used to produce a minimum constant airflow of six-cfm (170 L/min) per milking unit.
- **Quieter operation** - A vacuum pump equipped with a BouMatic variable speed drive will frequently operate at one-half the RPMs. When a vacuum pump operates at slower speeds, it is quieter.
- **Noise shield** - Electronic noise shield is built into the controller so the VSD operation will not interfere with computerized systems' electronic communications.
- **Extends vacuum pump life** - Reduced wear on vacuum pump by lowered RPMs.
- **Optional operating status** - A system switch provides the option to switch between variable speed and constant speed operation.
- **Use for stand-by-pumps** - The BouMatic VSD controller can be installed to operate a second, stand-by vacuum pump.

Your BouMatic dealer:

