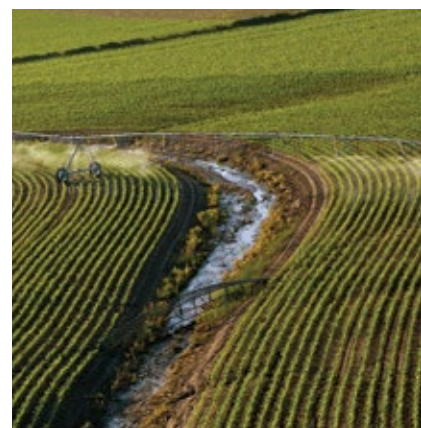


PUMP CONTROL | VARIABLE FREQUENCY DRIVE



UP TO 25% ENERGY SAVINGS
REDUCED MAINTENANCE COSTS
EASY SETUP AND OPERATION



THE POWER OF VARIABLE FREQUENCY DRIVES (VFD)

Growers utilize VFDs to more efficiently regulate water pressure for their irrigation equipment. This technology automatically adjusts pump speed to match your system demand, saving energy and water. Combined with programmable logic controllers (PLC), VFDs offer a precise and intelligent irrigation management solution. The result? Lower overall operation costs.

VFDs ARE PARTICULARLY VALUABLE FOR:

- Corners systems and drop spans
- Multiple pivots with a common pump header
- Pivots on inclines/hills
- Precision Variable Rate Irrigation (VRI)
- Controlling valves
- Drip irrigation zones with varying flow and pressure



HOW VFD DELIVERS COST SAVINGS

UP TO 25% ENERGY SAVINGS

- Optimizes power usage
- Avoids peak demand charges
- Local utility rebates may apply
- Only uses the power you need
- Automation reduces trips to the field

LONGER LIFE EXPECTANCY OF EQUIPMENT

- Eliminates water hammer and surges by regulating pressure at varying flows
- Reduces strain on your entire irrigation operation due to smoother pump operation
- Equivalent run time in the multi-pump setups

REDUCED PUMP MAINTENANCE COSTS

- Reduces pump station downtime during peak seasons

EXCLUSIVE BENEFITS OF ZIMMATIC VFD CONTROL PANELS

Zimmatic® by Lindsay VFD panels are engineered for long-lasting reliability and ease of use. Lindsay pumping solutions bring the highest level of quality to your operation. Combined with our proven FieldNET® by Lindsay technology, managing irrigation is less complicated and more convenient.

RELIABLE PERFORMANCE

- Software specifically designed for agricultural applications
- Proven history of best-in-class longevity and less downtime than any other manufacturer
- Built to the highest standards of excellence: UL508A Listed Control Panel

EASY SET-UP

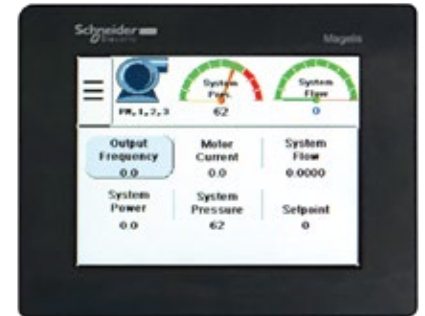
- User-friendly 5.7" color touchscreen
- For sites with limited power options, VFDs offer single phase conversion to three phase
- Standard, on-board computer allows for unprecedented power and customization

REMOTE CONTROL & DIAGNOSTICS

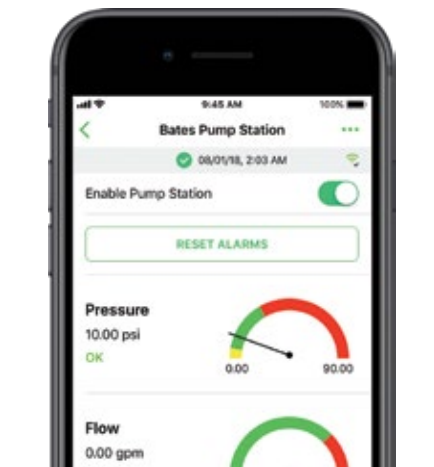
- Fully integrated with FieldNET remote irrigation management for continuous monitoring and control, improving efficiency and reliability for higher yields and lower operating costs
 - Maximizes convenience and security
 - Saves time, labor and resources
 - Alarm notifications
 - Optimizes wire-to-water efficiency by monitoring power consumption and water usage for lower electrical usage and water consumption
 - Features Dynamic Demand Control (DDC) to enhance energy savings using dynamic pressure set points

LINDSAY DEALER SUPPORT NETWORK

- 24/7 nationwide support for warranties, scheduled maintenance, service and parts



Unlike most VFD controllers in the market, Zimmatic's large color touchscreen offers intuitive navigation



FieldNET is an integrated, user-friendly option to remotely monitor VFD



USER-FRIENDLY PLC CONTROLS

- Easy-to-read system status on one screen
- Quick wizard guides basic configurations
- Built-in user help
- Login prevents unauthorized access
- Intuitive user interface
- 5.7" color touchscreen

HIGH RELIABILITY IN HARSH ENVIRONMENTS

- Outdoor UL TYPE 3R ratings
- Rated for high temperatures, ambient 20°-122°F
- Lightning arrester provides equipment surge protection
- Efficient forced air fan/filter
- Rust-free aluminum or stainless steel enclosure available

CONVENIENT DESIGN

- User-friendly controls with 5.7" color touchscreen
- Service entrance rated disconnect (circuit breaker) does not require additional service disconnect
- Wall mount or foot mount for installation flexibility
- Serviceable fused disconnect available
- Custom engineered solutions



COMPLETE SAFETY AND ENVIRONMENTAL COMPLIANCE

- Entire assembly UL508A Listed control panel
- Integral harmonic filter

SOLUTIONS FOR EVERY GROWER'S NEEDS

- Cost effective standard VFDs fit most growers' needs
- Fully customized VFDs available to fit any application

READY TO LEARN MORE?

Visit your local Zimmatic dealer to find out how you can improve efficiency with a Zimmatic VFD panel.
Go to Zimmatic.com/vfd for more information.



THE LINDSAY ADVANTAGE

DURABLE • RUGGED • EASY TO USE • INTEGRATED TECHNOLOGIES •
BROADEST LINE OF SOLUTIONS

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