

Convert 230 or 480 Volt Single Phase to 230 or 480 Volt Three Phase

Single to Three Phase Conversion for Irrigation and other Fresh Water Pumps

Electro Power offers complete Phase Conversion Solutions. You can now run your Three Phase motors with Single Phase input .

What are the Benefits you get with a VFD vs. Rotary Phase Converter ?

Soft-Starting the Motor:

This means you'll be able to start a 20 Hp motor with around 50 Amps on a 230V system versus 250 Amps with a Rotary Phase converter. It also means Lower Peak Demand and when Soft-Starting your pumps means smoother stress free start for your system. LOWER PEAK DEMAND.

Speed or Pressure Control:

Another benefit is the ability to control the speed of your motor. You can either manually regulate speed or automatically regulate pressure. Multiple pivots can easily be controlled by one VFD.

Solid State Phase Converting vs. Mechanical:

Because a VFD is a solid state phase converter unlike the mechanical phase converter it has no moving parts to break down or replace.

Our Irrigation Pump Packager comes out the box already programmed and ready to run and offers these controls on the door front for easy access:

- Speed Pot to Control Speed of pump in SPEED MODE and pressure in PRESSURE CONTROL MODE
- HAND/OFF / AUTO
- Viewing window for the keypad
- Many more options available



Our control solution offers the following standard features inside the panel:

- NEMA 3R Outdoor Enclosure w/ Rain Hood
- Thermostatically controlled Cooling Fans and Filters
- Input Line Reactors
- Control Power Transformer 110VAC (Fused Primary and Secondary)
- Circuit Breaker Disconnect w/ Door Interlock
- Door Mounted Start-Up poster
- Easy connect terminal strip



Electro Power

Milwaukee, Wisconsin

Phone 414-476-6446 Fax 414-476-6560

electropow@sbcglobal.net

Electropowerllc.com

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UL Approved Panels