

# The New Ultra IrrigationPak

Comes with Circuit Breaker Disconnect, 3% Input & Output Line Reactors, Surge arrestor, Isolated Power Supply & 4-20MA input Isolator Circuit

The Best VFD Pump Panel with More Features at an Even LOWER Price

## Features

### HARDWARE

Nema 3R Fan and Filtered Enclosures for Outdoor Mounting

Dual Rated for single & 3 Phase Input

Service Entrance Rated Circuit Breaker disconnect

3% input & Output Reactors

Isolated 4-20MA input Circuit and Power Supply for the Pressure Transducer

Hand-Off-Auto Selector switch

Speed/Pressure Pot

Lightning Arrestor

UL Approved Panel

### The New Mitsubishi F800 Series Inverter

No the programming has not changed, except for the new features added.

Features: 2 Complete PID Loops

PID Auto Tuning

Motor Auto Tuning to get the precise map of the motor you are using.

Advanced Magnetic Flux Vector Control

7 Pressure set points for Multiple Pivots

Pipe Pre-Fill Mode

High & Low Pressure/ Loss of Prime Protection

Loss of feedback Protection

2 Step Accel for Submersible Pump Thrust Bearing Control

Forward Reverse Pump Clean for Sand Lock Submersible Pumps

Lead Lag to Control Multi Pump Systems

Check Valve Deceleration Function ( Soft Close)

PID Dry Run Monitoring

Built in Hour Meter for Power up time and run time

Under & Overvoltage Protection

Motor Overload

Input & Output Phase Loss

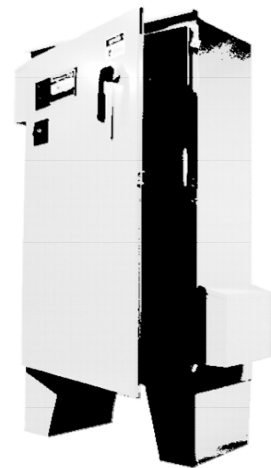
USB Port for Flash Drive Upload or Download of Parameters, and Recording Drive

Automatic Restart on a fault with delay

Constant Pressure Control with Well Draw Down Control

PID Sleep Function

Pump Stir in Sleep Mode



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