



Innovative & Intelligent Pumping Solutions

Pulse

Golf Course Pump Station

Overview

The Pumptronics Pulse is an economical golf course pumping system. This pump station comes with a small 8 foot x 5 foot skid footprint for tight conditions. System includes Variable Frequency Drive with interlock contactors so VFD starts each pump. Pump station includes 7" Ultra High

Resolution HMI screen and optional remote control with any internet connected device.

Pump station available with Turbine, Submersible and Centrifugal pumps. Flows up to 1500 gpm.

Control Panel Features

- 7" HMI display screen with password protected user screens
- PLC and VFD bypass for emergency operation
- Automatic pump alternation based on hours
- Automatic disconnect switch to power drive down when not in use
- Line reactors and semi-conductor fuses on VFD for ultimate protection
- Lightning protection on primary and secondary circuits
- Ease of use HOA pump selector switches for each pump

PLC Programmable Features

- Automatic slow fill to fill pipelines based on user selected flow and switching to pressure control once system is filled
- Automatic friction compensation as flow increases
- Automatic pressure ramp if system restarts from alarm shutdown
- Auxiliary menu to control external equipment based on time or signal
- Automatic self flushing filter menu
- Flow logging up to 400 days with last 12 months and year

Voltages

- 208, 230, 460 and 575 three phase

Options

- Stainless steel or galvanized skid and piping
- Magnetic flow meter
- Remote control of pump station

The Pumptronics Difference – Solving Problems

Since our inception in 1989, Pumptronics has been developing intelligent and innovative pumping solutions that can solve virtually any problem related to the movement of water and other liquids. The secret to solving problems is our ability to work directly with customers to design, manufacture, install,

and service customized, automated solutions that are cost-effective, high performance, secure, reliable, and durable. We back our pump stations with industry leading warranties, knowledgeable and experienced technical support, and fast and responsive on-site customer service.

The Pulse family of pumping solutions can be configured using a multitude of different pump and piping options.

Vertical Turbine Pump Configuration

Premium efficient motors

High-efficiency pumps

Stainless steel intake screens

Control Panel Features:

- All pumps have HOA selector switches for ease of operation
- 7" HMI with internet remote control as optional equipment
- Download flow data to USB in Excel® format
- VFD disconnect for added surge protection
- 6 year VFD warranty

Pressure relief valve for manual operation

All stainless steel pressure maintenance pump

Skid and piping available in epoxy or powder coated steel and hot dipped galvanized steel

Custom Centrifugal Pump Configuration

Butterfly valves above 6" include gear operators

Stainless steel disk butterfly valves

All zinc plated bolts for corrosion resistance

Silent wafer plunger check valve with stainless steel internals