



Innovative & Intelligent Pumping Solutions

Rain Water Harvesting

Overview

The Rain Water Harvesting (RWH) pump station is a cost effective solution ideal for applications using stored rain water for irrigation. The station can monitor water levels in

the cistern and automatically switch to domestic water when the cistern water is low. Several filtration and disinfection systems can be added to the system if required.

Control Panel Features

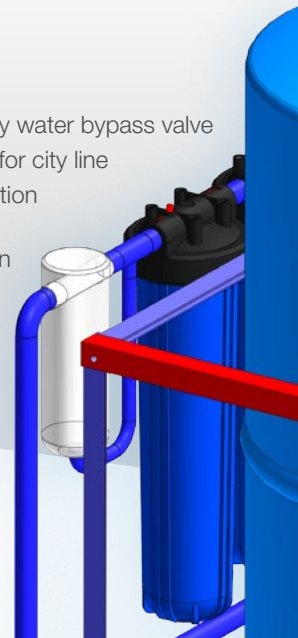
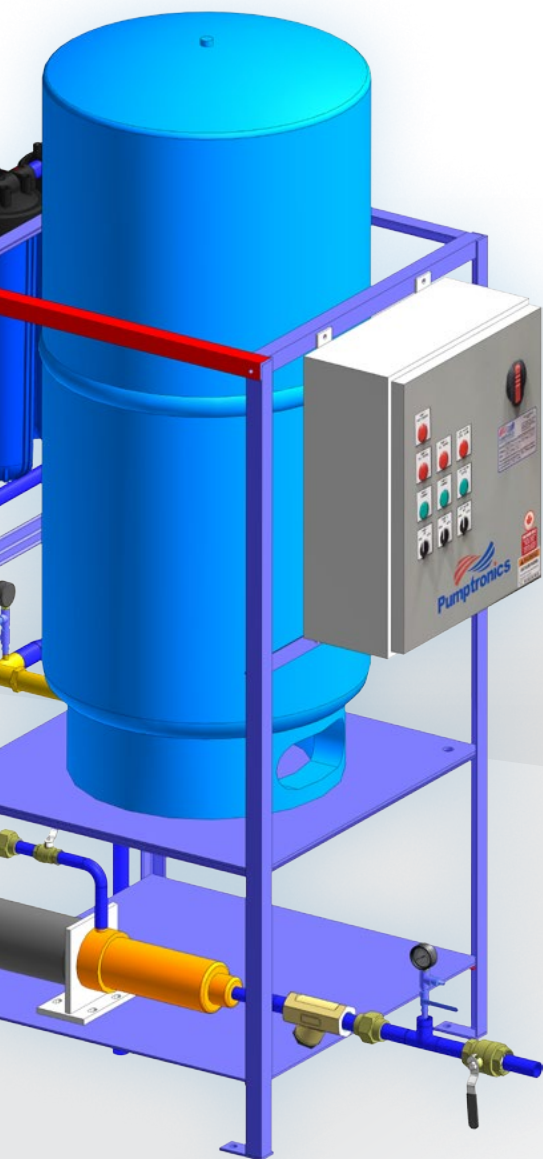
- CSA approved
- Main Disconnect switch
- Nema 12 control panel
- System is controlled through irrigation controller
- Pump Run, Valve On, Pump Overload and Low cistern Level Lights
- On/Off/Auto switches for pump reservoir and city water valve
- Automatically switches from low water cistern level or pump overload to city water in mid cycle

Voltages

- Stations are available in 208, 230, 460 and 575 volt three phase power, and 208 and 230 volt single phase power configurations.

Options

- 24 volt or 110 volt city water bypass valve
- Backflow preventers for city line
- Automatic water filtration to 10 microns
- Automatic UV filtration
- Booster pumps for city water
- Pressure controlled systems



The Pumptronics Difference – Solving Problems

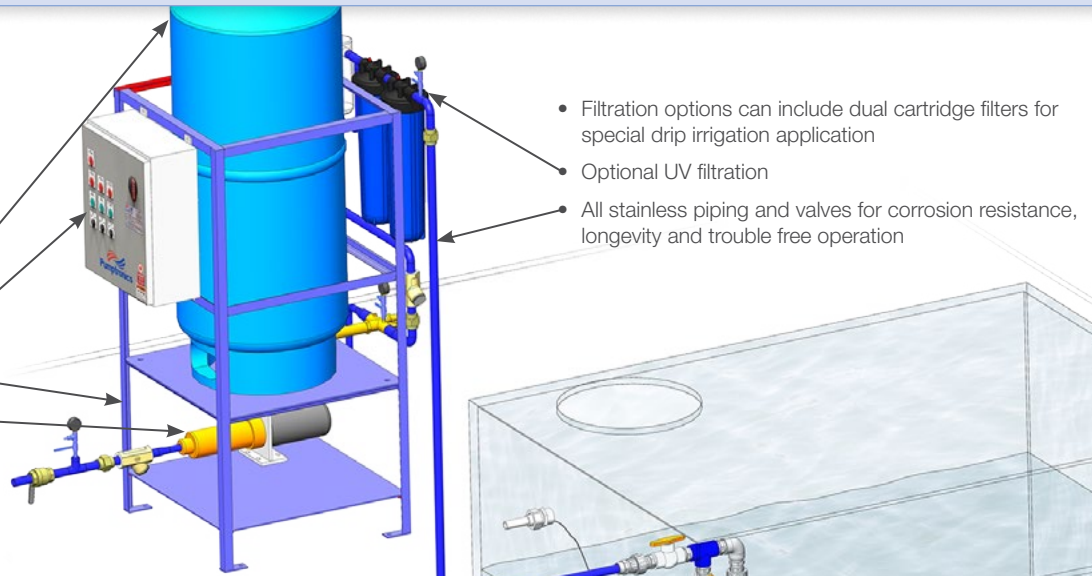
Since our inception in 1989, Pumptronics has been developing intelligent and innovative pumping solutions that can solve virtually any problem related to the movement of water and other liquids. The secret to solving problems is our ability to work directly with customers to design, manufacture, install,

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.

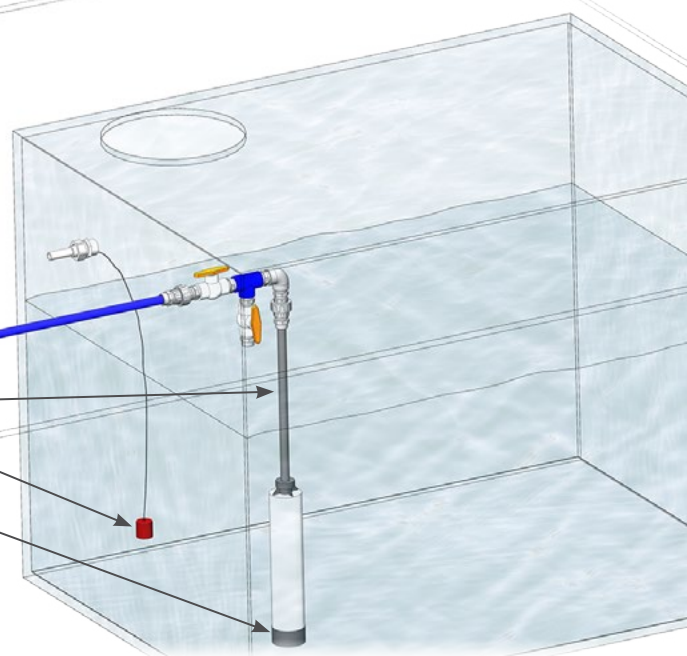
The Pulse family of pumping solutions can be configured using a multitude of different pump and piping options.

Multi-Plex

- 150 PSI rated bladder tank sized to eliminate excessive pump cycling
- Control panel provides automatic switching to domestic water supply in low water conditions or pump overload alarm
- 304 Stainless Steel frame
- Stainless steel pump with premium efficiency motor

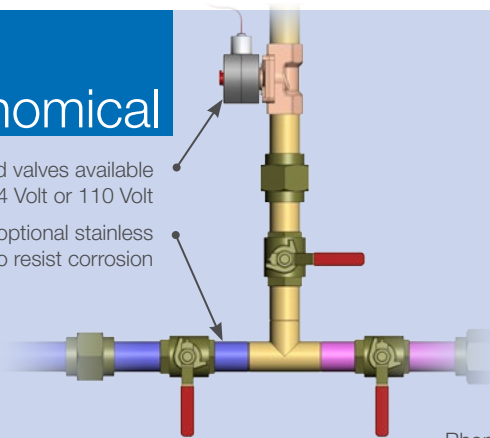


- Flexible rubber hose rated to 125psi with press ends
- Rhombus electromechanical low water switch for consistent reliability
- Stainless steel pump end with CSA approved Franklin or Grundfos motors



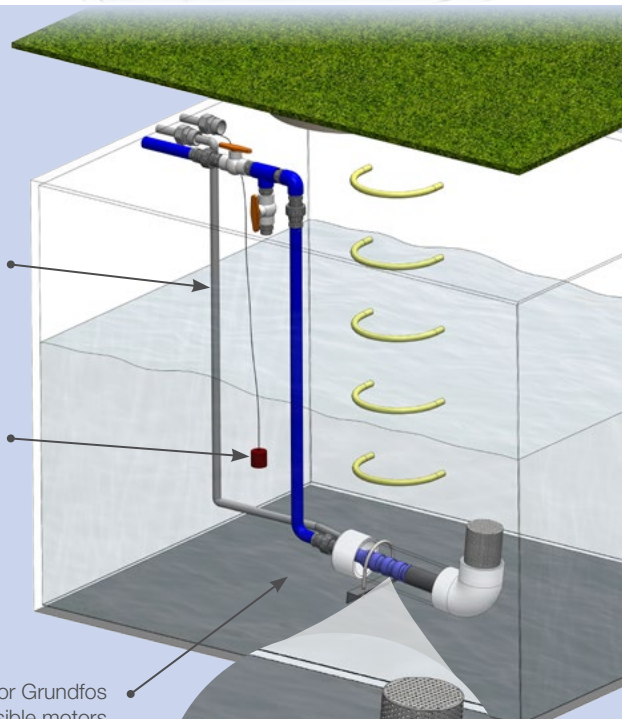
Economical

- Solenoid valves available in 24 Volt or 110 Volt
- PVC or optional stainless piping to resist corrosion



- Flexible rubber hose rated to 125psi with pressed ends

- Rhombus electromechanical float for reliability in any water condition



Control panel features:

- Pump and valve run lights
- Pump overload & low level indicator lights
- Manual auto selector switches for ease of operation

- CSA approved Franklin or Grundfos submersible motors

- Stainless inlet screen to keep out large debris
- PVC enclosure for motor cooling and pump protection

