



Innovative & Intelligent Pumping Solutions

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# Mini-Boost

## Overview

The Mini-Boost is a versatile irrigation pumping system that can be used to boost or pump direct from a holding pond. The Mini-boost pump station is ideal for municipal parks, sports fields and commercial applications where a small footprint is required. The Mini-Boost eliminates the need

for costly buildings and can be easily hidden in the landscape. A pressure maintenance pump can be added for pressurized operation. Main Pump can start on pressure demand or irrigation signal. The Mini-Boost is an efficient, cost effective and resourceful pump station.

## Enclosure Details

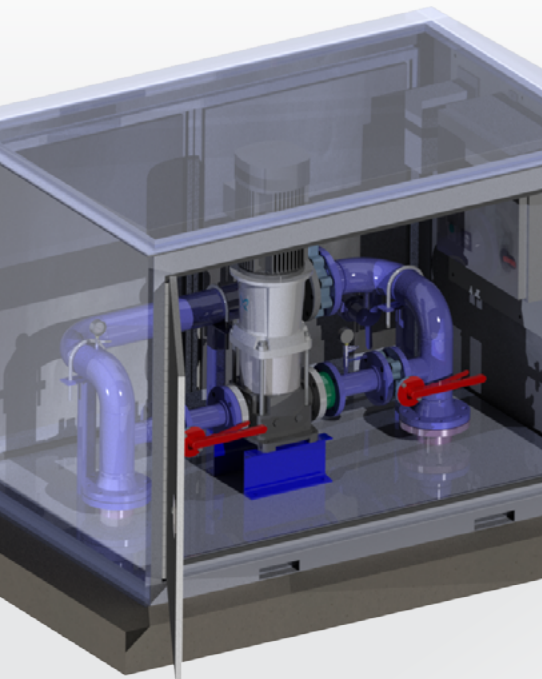
- Standard sizes are 48" wide x 36" deep x 52" high / 72" wide x 48" deep x 52" high
- Powder coated steel construction with access doors and removable top
- Lifting provisions with a forklift to move enclosure and set in place
- Inlet and Outlet piping can be thru the walls or floor of the enclosure
- 1" foam board insulation with thermostat controlled 800 Watt space heater
- Access doors on front of smaller enclosure; front and back of larger enclosures

## Options

- Centrifugal, submersible or turbine pump options
- Polished stainless steel enclosure
- Custom paint colors and custom wrapping for blending into the landscape
- Multiple automatic flush filtration options

## Design Criteria

- Flow Rates from 50 - 600 US GPM
- Pressures from 50-200 PSI
- Stations are available in 208, 230, 460 and 575 volt three phase power, and 208 and 230 volt single phase power configurations



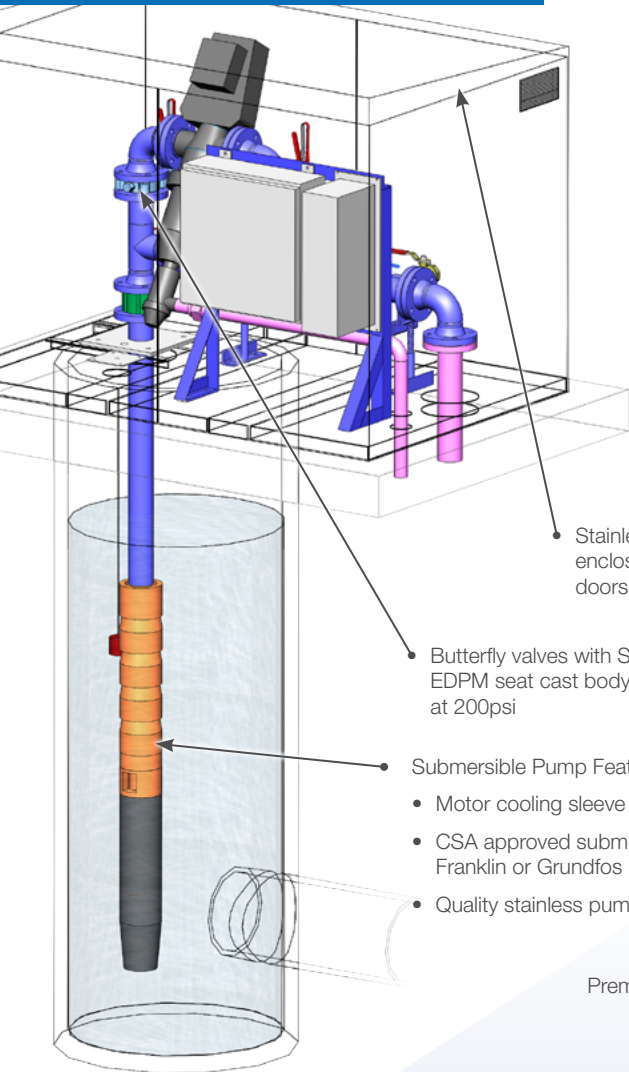
## The Pumptronics Difference – Solving Problems

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 Mini-Boost family of pumping solutions can be configured using a multitude of different pump and piping options.

## Submersible Pump Configuration



Stainless or painted steel enclosures with dual access doors for ease of maintenance

Butterfly valves with SS disk, EDPM seat cast body rated at 200psi

Submersible Pump Features:

- Motor cooling sleeve
- CSA approved submersible Franklin or Grundfos motors
- Quality stainless pump ends

High efficiency vertical turbine pumps with high pressure minimal leak stuffing box

Optional pressure maintenance pump

Optional auto-fill line for back-up water

## Centrifugal Pump Configuration

Berkeley or Grundfos centrifugal booster pumps with premium efficiency motors

Control Panel Features:

Variable frequency drive with PID pump control showing setpoint, pressure and motor speed

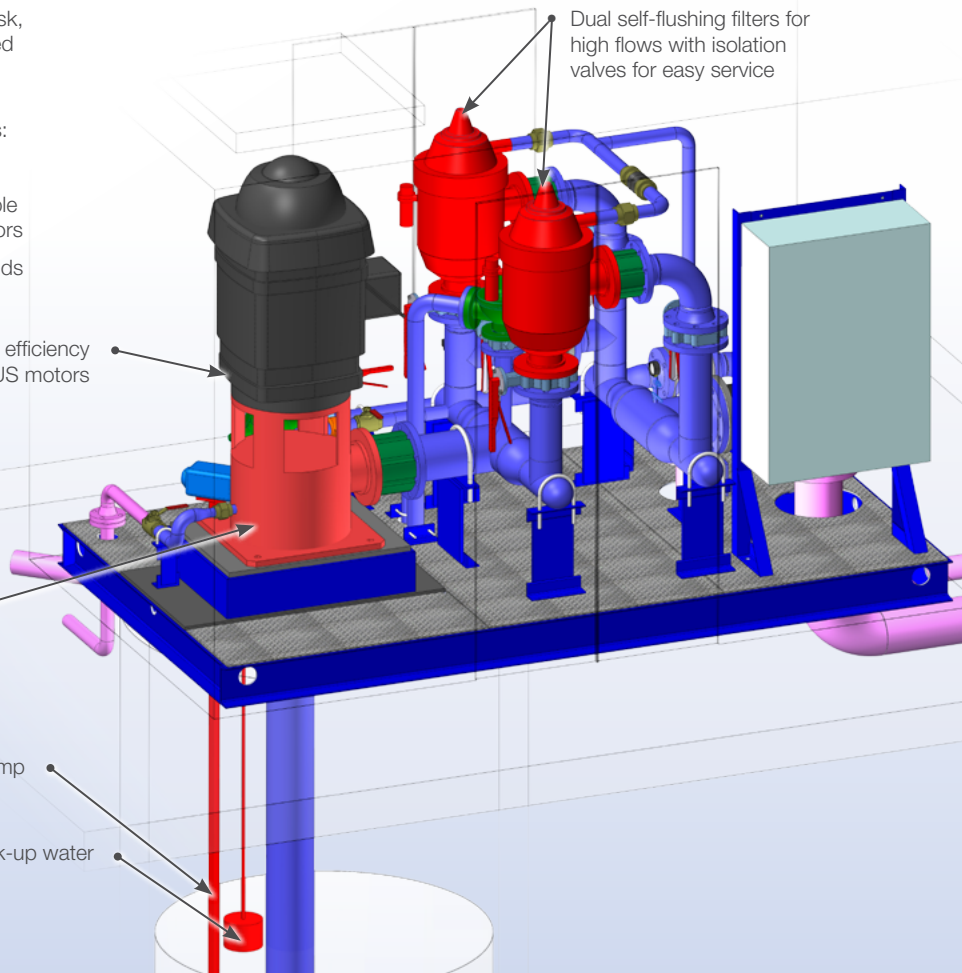
Manual control allows slow filling of system using speed adjustment potentiometer

Lockout main disconnect to allow safe maintenance for system

0-250psi transducer with easy access drain valve for winterizing

Flexible rubber bushing rated to 200psi

## Custom Vertical Turbine Pump Configuration



Dual self-flushing filters for high flows with isolation valves for easy service

Premium efficiency US motors