

EV Twin Vertical Turbine Pump Station

Providing up to 1500 GPM (340 m³/h) at 120 psi (8.3 bar) for 60Hz/460V-575V applications and up to 273 m³/h at 8.3 bar for 50Hz/380V-415V applications.

The EV Twin Vertical Turbine Pump Stations are intended for standard wet-well applications with a 48" (1.2m) to 60" (1.5m) diameter and a depth of either 12' (3.66m) or 15' (4.57m).

Benefits

- Easy Operator Training; Intuitive Monochrome Touch Screen is easy to navigate, unlike text based displays
- Easy Installation and Start-up; All stations are wet-tested prior to shipment
- No hassle buying and single point responsibility; purchase all irrigation system components from one supplier

Features

- Variable Frequency Drive (VFD) for maximum energy efficiency
- Air to Liquid Control Panel Heat Exchanger for maximum VFD life
- NEMA 4 Electrical Panel for maximum protection of electrical components
- RU Vertical Turbine Pump Motors
- Electrical Power Surge Protection
- Power-loss auto-restart ensures seamless operation on loss/regain of electrical power
- Modern electrical design employs industrial grade circuit breaker motor protection instead of outdated and expensive to replace fuses.
- Complete skid and piping garnet blasted and powder coated for maximum corrosion resistance
- Pressure relief valve with butterfly isolation valve protects the station from over pressurization while ensuring serviceability.
- Stainless steel pressure transducer for maximum durability
- Mechanical actuated air relief system to ensure smooth system operation
- Individual pump silent check valves and isolation valves
- Integral wet-well service hatch



An installed Rain Bird Twin Vertical Turbine Pump Station complete with an optional Wye strainer.

- Lake level floats prevent inadvertent dry-running of vertical turbine pumps
- 3HP (2.2kW) Stainless Steel Pressure Maintenance Pump and Motor

Options

- Non Reverse Ratchets for Vertical Turbine Pump Motors
- Magnetic Flow Meter
- Wye Strainer

Application

Golf Courses, Commercial, and Municipal sites utilizing a wet-well and requiring the redundancy of a twin vertical turbine system to deliver up to 1,500 GPM at 120 psi for 60Hz applications, and up to 273 m³/h at 8.3 bar for 50Hz applications.

Buy with Confidence

- Over 1000 installed pump stations worldwide
- Extensive service network
- Full pump station testing prior to shipment



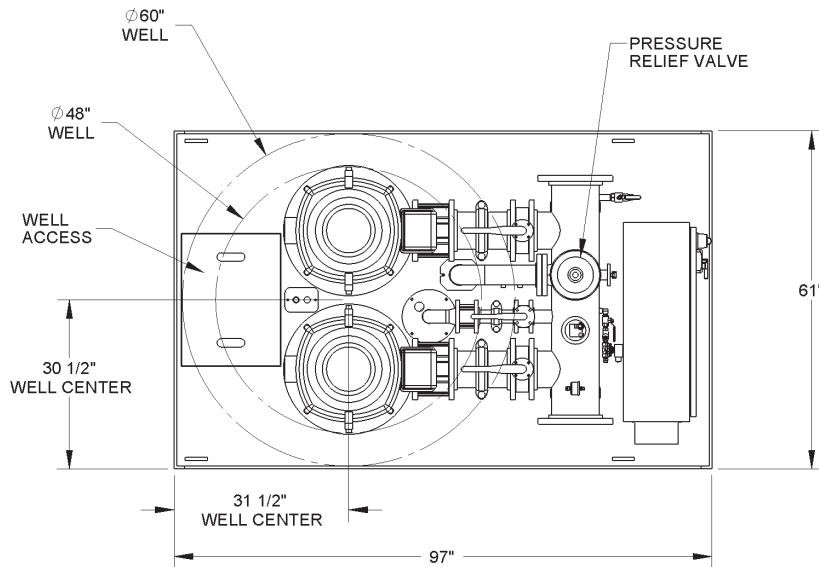
The monochrome touch screen is easy to use; especially when compared to text based interfaces.

Electrical Power Specifications

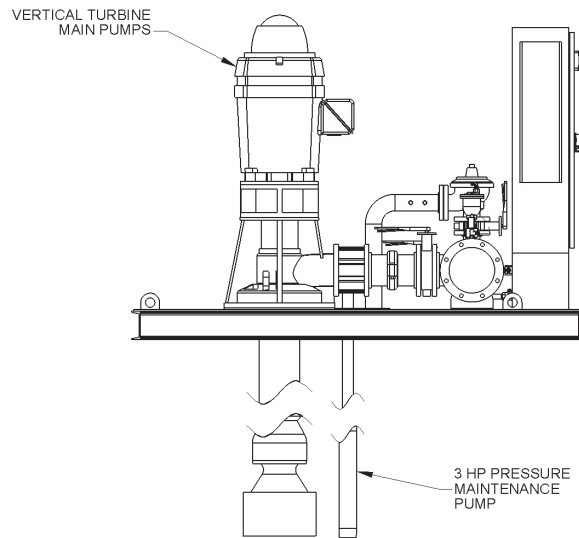
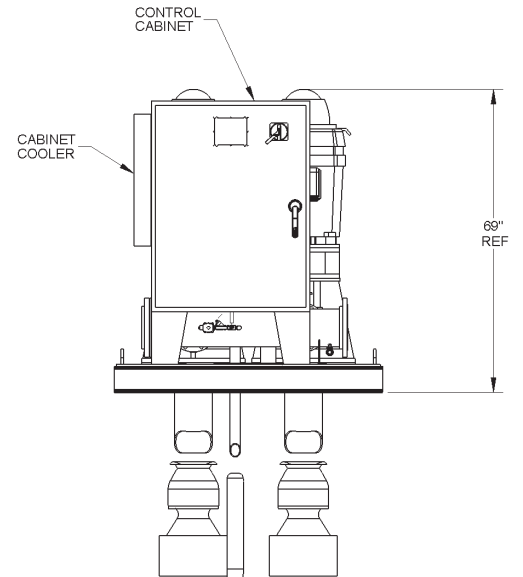
- 60Hz, 3Φ Power: 460V or 575V
- 50Hz, 3Φ Power: 380V or 415V

Customer Satisfaction Policy

Rain Bird® guarantees its pump station products to be free of defects for a period of one (1) year from the date of start-up, but not later than sixteen (16) months from the date of shipment.



The EV pump station's discharge manifold is designed to allow for either a right or left handed discharge.



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Technical Service and Support

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www.rainbird.com

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