

Introduction

The EZPanel Cooling Water Monitoring platform is comprised of fully integrated, plug & play monitoring and control systems for your recirculating cooling water application. These all-in-one units enable you to manage the critical parameters of your water treatment process including pH (acid feed), conductivity (blowdown), ORP (chlorine), corrosion, scale/deposition, and microbiological fouling. Analog (4-20mA) inputs are available for PTSA fluorometer sensors, or nearly any other process variable. Virtual inputs, calculated from real inputs, display cycles of concentration, % rejection, other values.

Individual components may be customized to meet your specific application needs.

Relay Functionality

Each of the relays may be configured for:

- On/Off Setpoint
- Time Proportional Control
- Proportional Control
- PID Control
- In-Range or Out-of-Range activation
- Timer-based activation
- Activation based upon the state of a contact closure
- Timed activation triggered by a Water contactor or Paddlewheel flow meter's accumulated total flow
- Activate with another output
- Activate as a percent of another output's on-time
- Alarm
- Spike set point
- Biocide timer

Communications

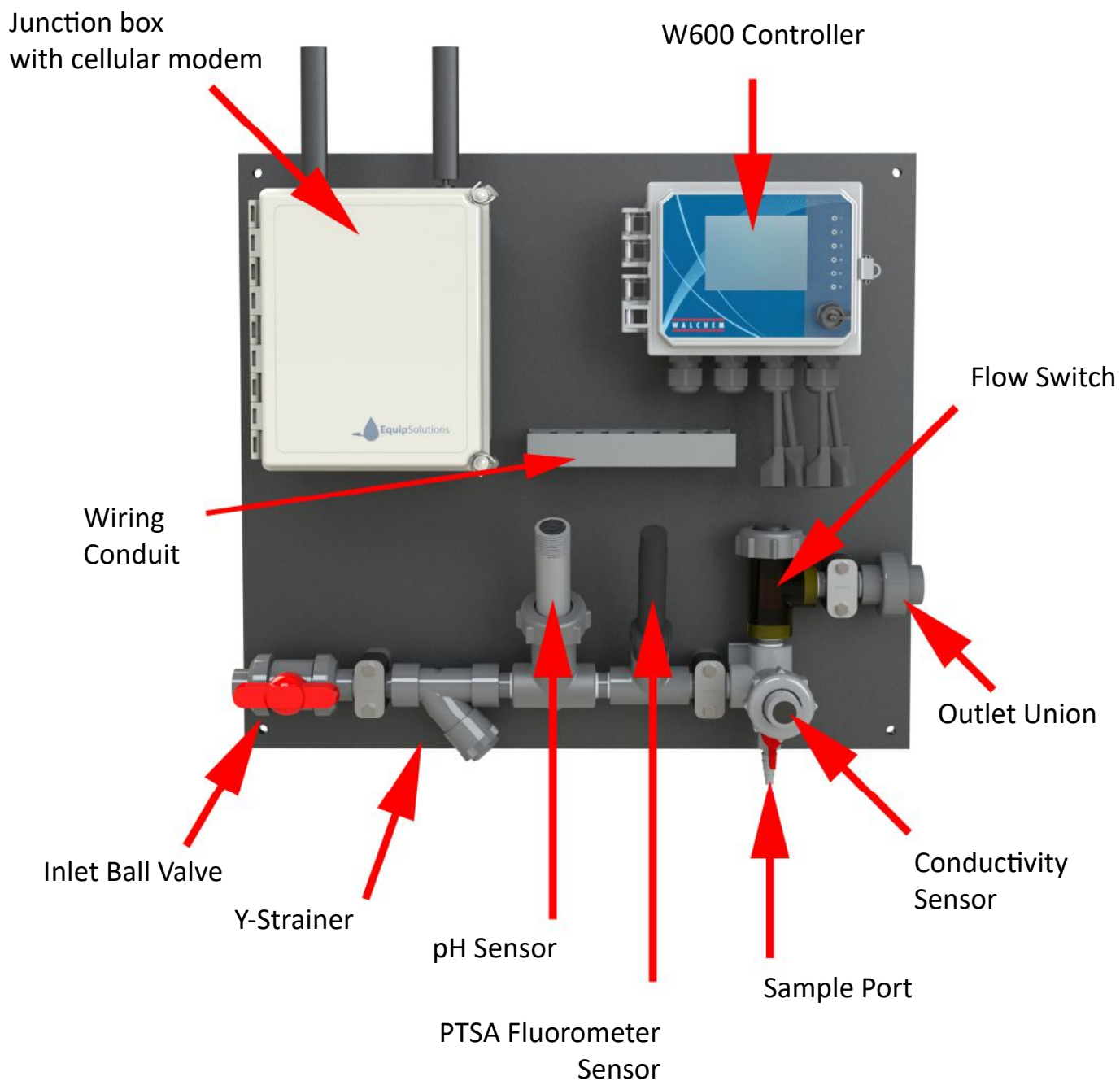
In addition to datalogging, the EZPanel Cooling Tower Controller provides alarm message emails, trend data graphing, and system reports generation. The Ethernet option provides remote access via Internet, LAN or Modbus/TCP.



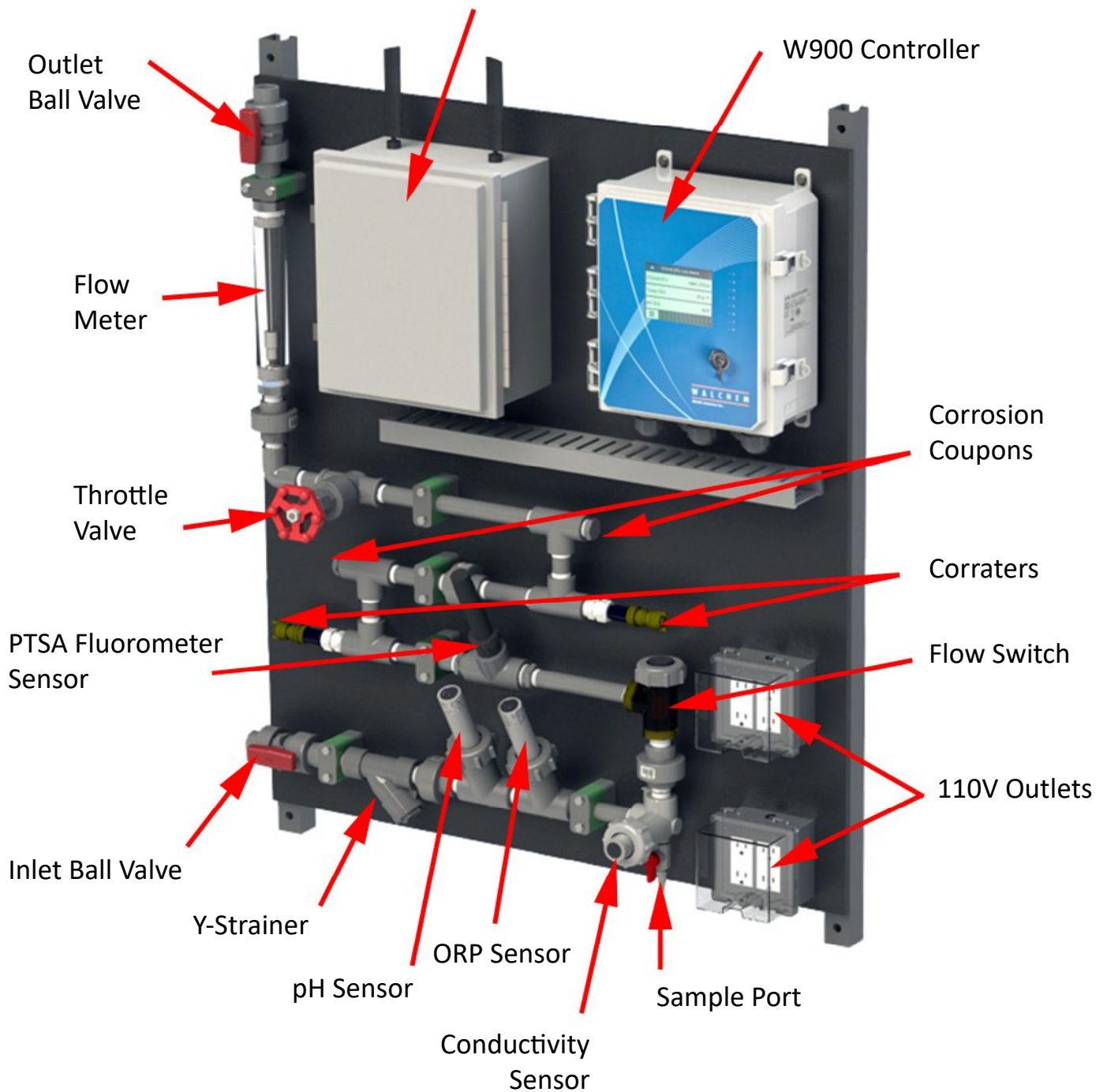
A typical EZ Panel Cooling Tower Controller configuration includes a MultiTech industrial cellular router, optimized for secure M2M (machine-to-machine) data transfer, which provides a robust Ethernet or serial network interface platform. The intuitive user interface and free cloud device management allows for quick configuration and over-the-air upgrades. Enhanced with features such as WAN failover, secure software updates, advanced firewall and routing configuration, and Certificate Management, the cellular router creates an ideal environment for secure and redundant communications critical to the reliability and remote monitoring of your system.



CT600 Series Cooling Water Monitoring System



CT900 Series Cooling Water Monitoring System





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EquipSolutions

From supplying a part to designing a custom engineered system, we work collaboratively with our clients to meet and exceed their operational and economic objectives.

EquipSolutions Commitment

When it comes to your automation and control, remote monitoring, analog and digital radio signal transmission, and secure data transfer needs, EquipSolutions can do it all.

EquipSolutions preparing to launch a new Digital Portal that will include remote monitoring, service and support for our customers. This will ensure that your process and application will run smoothly and efficiently.

When our customers have a process or application problem, we take pride in making it our problem as well. We will help our customers work through any technical issue that relates to their process or application and provide the additional knowledge required to address the issue at hand.

At EquipSolutions we always go the extra mile to ensure customer satisfaction.