



**Northwest Tech-Con Systems**

*Solutions for Tomorrow's Technologies*

# TCP

**Triplex Pump Controller**



An innovative, reliable pump controller designed for :

**Commercial or High Density Residential Rain/Waste Water Applications**

**4 or 5 Float / Ultrasonic operation**

**120 to 240v | Single Phase | 1/2 - 2HP**

**208 to 600v | Three Phase | 1/2 - 100HP**

FEATURES:

Low Energy Output to Floats

Automatic Pump Alternations

Hand-off Auto Switches

Alarm Silence / LED/Systems Test Button

Advanced PLC Controller

Low failure rate <1%

Motor RUN, Power ON, Level LED Indicator

High Level Alarm (audible and visual)

Low Level Protection

Remote Alarm Output (12 VDC )

Motor Contactor and Circuit Protection



## With tens of thousands of pump controllers throughout North America,

Northwest Tech-Con System's model TCP panels are of the highest quality pump controllers, built for controlling rain or waste water level control for commercial applications or high density residential buildings such as apartments. In case of a pump failure, the panel will intelligently switch to operating the remaining pumps and will sound an alarm indication. Our products can be customized to your specifications to feature options such as a maximum pump run time alarm, which indicates the user of a pump exceeding a run time of one hour.

### APPLICATIONS:

Waste Water Pump Stations (WWTP)

Rain Water Cisterns

Any High Flow Demand Applications

### OPTIONS:

24 hour clock (24HC)

Battery Backup HL alarm (BHA)

Overload Alarm (OLA)

Dual input power (DP)

External panel alarm light (STL)

High motor temperature (HT)

Intrinsically safe barrier (ISB)

Redundant Low-Level Alarm (LLA)

Panel Heater/ Thermostat (CH)

Pump Service Indication Signal

Pump Maximum Run Time Alarm

Phase surge monitor or surge arrestor

Pump seal fail alarm (SL)

Pump start capacitor [Labour Only]

Remote annunciator (LOBBY-HWA12/L)

TC-12 timer (TN)

Vandal proof for parkades (VP)

Alerts via text message

Level Float (20"/30"/40")

Motor true fail alarm [via current sensor]

Panel Main Disconnect (MD)

Ultrasonic probe interface