



# ADVANCED WATER SUPPLY SYSTEMS **WSC**

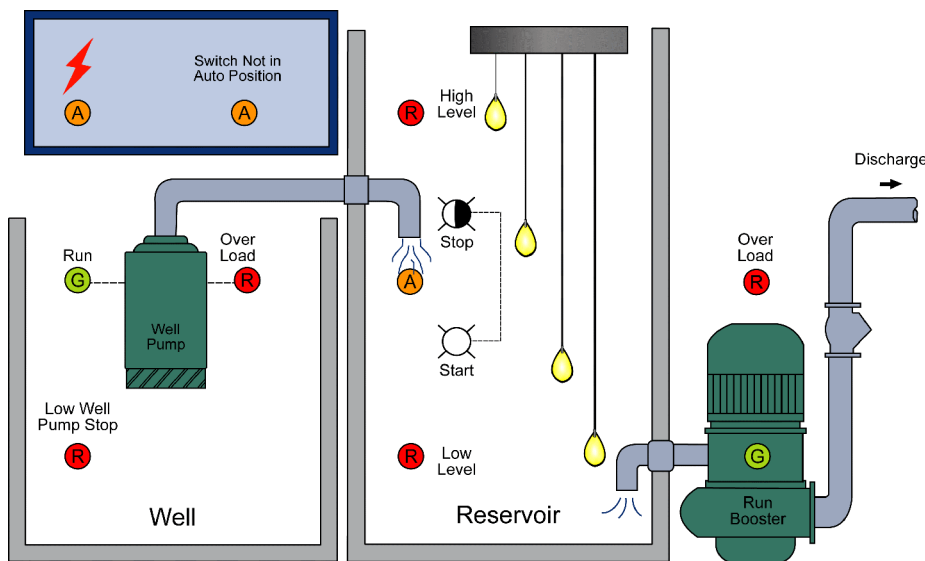
**A State of the Art System Designed to Control:**  
*Water Source → Reservoir → Pressure System in a Single Controller.*

**FEATURES:**

- Programmable controller
- Data terminal and monitor screen
- LED systems graphic display
- Calculate daily and total GPM
- Pump run hour meter
- Alarm and operation status
- Field program operation function and pressure
- Remote monitor and data acquisition (optional)
- True motor fail alarm
- System control by floats, ultrasonic or pressure transducers
- Variable frequency drive (optional)
- CSA & UL approved



**HP and Voltage as per Customer Specification**

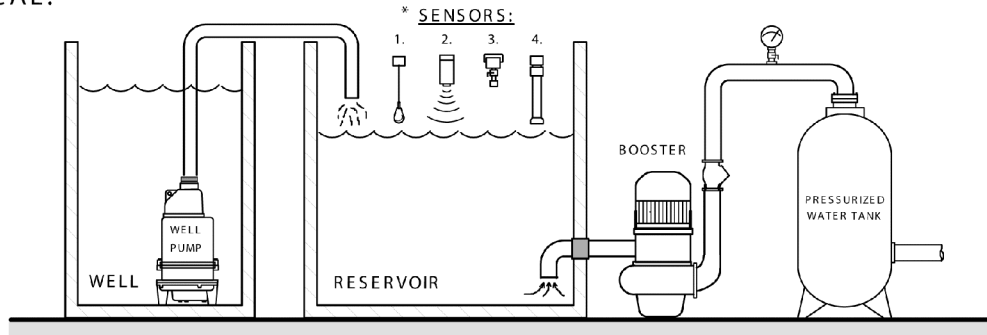


**Northwest Tech-Con System's** WSC water system controller is designed to transfer water from a source into a reservoir. The well pumps will automatically start upon level demand signals from the reservoir. The distribution pressure pump governed by the pressure transducer will maintain the system pressure. The design incorporates modern technology including a data entry screen with LED display graphics to ensure easy troubleshooting and maintenance.

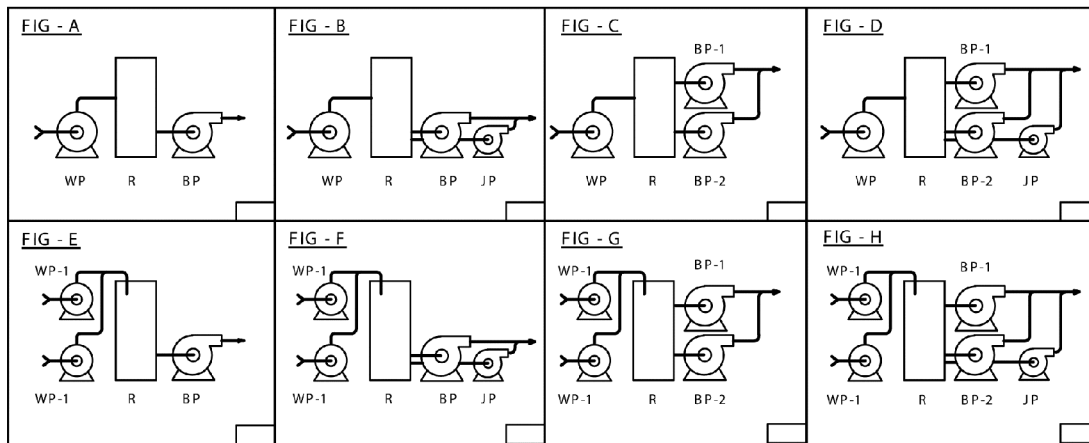


# WATER SYSTEM CONTROL (Sample Drawing)

TYPICAL:



SYSTEMS ( PUMP ) INFORMATION:



NOTE: WP — WELL PUMP R — RESERVOIR BP — BOOSTER PUMP JP — JOCKEY PUMP  
\* CHEMICAL PUMP NOT SHOWN ON DRAWING

**SENSOR SELECTIONS:**

\* RESERVOIR SENSOR: 1. FLOATS:  2. ULTRA SONIC:  3. PRESSURE SWITCH:  4. PRESSURE TRANSDUCER:   
 BOOSTER SENSOR: PRESSURE SWITCH:  PRESSURE TRANSDUCER:

**QUOTATION INFORMATION:**

WSC: WATER SYSTEM CONTROL / FIG  OR CUSTOM - DESIGN   
INPUT VOLTS: 120V  240V  380V  480V  575V   
PHASE: 1 Φ  3 Φ

WELL PUMP

P-1: \_\_\_\_\_ HP, \_\_\_\_\_ FLA, \_\_\_\_\_ VOLTS, \_\_\_\_\_ Φ  
 P-2: \_\_\_\_\_ HP, \_\_\_\_\_ FLA, \_\_\_\_\_ VOLTS, \_\_\_\_\_ Φ

BOOSTER PUMP:

P-1: \_\_\_\_\_ HP, \_\_\_\_\_ FLA, \_\_\_\_\_ VOLTS, \_\_\_\_\_ Φ  
 P-2: \_\_\_\_\_ HP, \_\_\_\_\_ FLA, \_\_\_\_\_ VOLTS, \_\_\_\_\_ Φ

JOCKEY PUMP:

P-1: \_\_\_\_\_ HP, \_\_\_\_\_ FLA, \_\_\_\_\_ VOLTS, \_\_\_\_\_ Φ  
 P-2: \_\_\_\_\_ HP, \_\_\_\_\_ FLA, \_\_\_\_\_ VOLTS, \_\_\_\_\_ Φ

DOSING CHEMICAL PUMP:

P-1: \_\_\_\_\_ HP, \_\_\_\_\_ FLA, \_\_\_\_\_ VOLTS, \_\_\_\_\_ Φ  
 P-2: \_\_\_\_\_ HP, \_\_\_\_\_ FLA, \_\_\_\_\_ VOLTS, \_\_\_\_\_ Φ