



WELL WATER HOLDING TANKS

GENERAL INFORMATION:

There are major benefits to WaterLine Controls over its competitors. Designed and developed WaterLine Controls to last a lifetime with the user in mind. Backed by manufacturer's Lifetime Limited Warranty.*

It is user-friendly with LED indicators to let the user know which functions it is performing and if there are any interruptions in the performance. It is produced in a modular construction for easy access to all components. WaterLine Controls fully integrates a set of dry contacts for each activation and deactivation of a function. There is a separate relay for each set point. Set points are accurate to 1/8". Optional floats and No high voltage in the wet area of the system.

STAND ALONE SYSTEM WITH CONNECTIONS TO ANY BUILDING MANAGEMENT SYSTEM USING DRY CONTACTS

APPLICATIONS

- Well Holding Tank.
- Designed for both initial installation and replacement of any brand. Multiple Family Well Systems.
- Custom designs available when needed.

* See Warranty for details

NEVER REPLACE AN ELECTRONIC LEVEL CONTROLLER



STANDARD KIT

COMMUNICATION WITH BUILDING MANAGEMENT

Dry contacts to tell operator remotely when:

- Power loss to the controls
- Fill cycle ON and OFF
- Low water
- Sensor wire shorted or cut.

FEATURES

- Easy to install.
- Microprocessor controlled.
- Compensates for wave action.
- Easy-to-understand LED display.
- Modular Construction
- One-Step Internal Testing system for the electronics.
- Built for easy troubleshooting
- Dry contacts. integration

PRODUCT SPECIFICATIONS

- Operates on 30 to 40VDC, 24 VAC, 110/220 VAC 50/60 Hz. Specify voltage required when ordering.
- Accurately manages levels to within 1/8" of operating range.
- Separate power relay for each function.
- Some models drive direct up to 5HP well pumps.
- Sensor wire should not be spliced. Standard Kit has 50 ft. length.
- Sensor wire available in: 50 ft., 100 ft., 150 ft., 200 ft., 250 ft., 300 ft. or longer lengths if needed.
- A 24VAC output transformer to operate a solenoid irrigation valve available as an option.

SENSOR PROBES

Standard probe available with Extension Rod Kits. Float switches can be used (consult factory for wiring configuration)

Installations:

- A licensed electrician can install the control box and sensors in less than one hour.
- Sensors attach to wall or mounts in an external static pipe or Sensor slips into a 3" female fitting.
- The sensor cable tank should be installed in a grounded metal conduit in order to prevent spurious signals from interfering with the sensor operation.

MODELS

PRODUCT FUNCTION TRUTH TABLE The Blank spaces below mean "No Connection or Function"

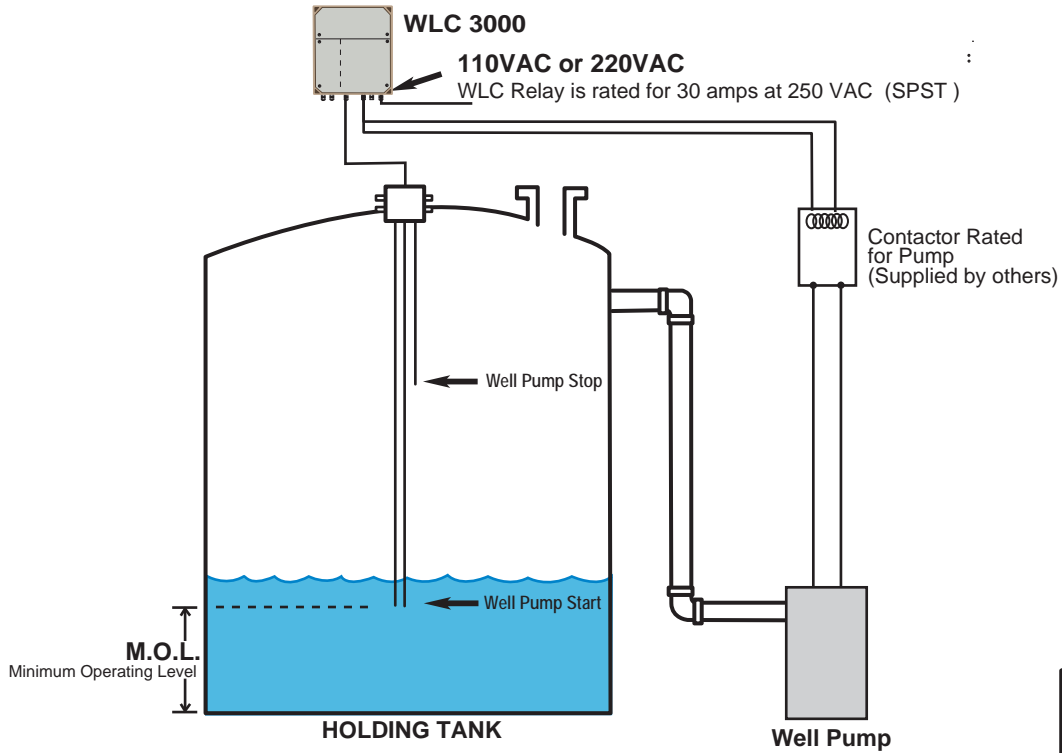
MODEL	BMS DRY CONTACTS					POWER RELAY		SELF TEST	5HP	24VAC
	FAULT	POWER LOSS	LOW ALARM	FILL	BAS WIRES	LOW ALARM	FILL			
WLC 3000	X	X		X	4		X	X		
WLC WS-3000	X	X		X	4		X	X	X	
WLC WST-3000	X	X		X	4		X	X		X
WLC 4500	X	X	X	X	6	X	X	X		
WLC WS-4500	X	X	X	X	6	X	X	X	X	
WLC WST-4500	X	X	X	X	6	X	X	X		X

Fill Height Only

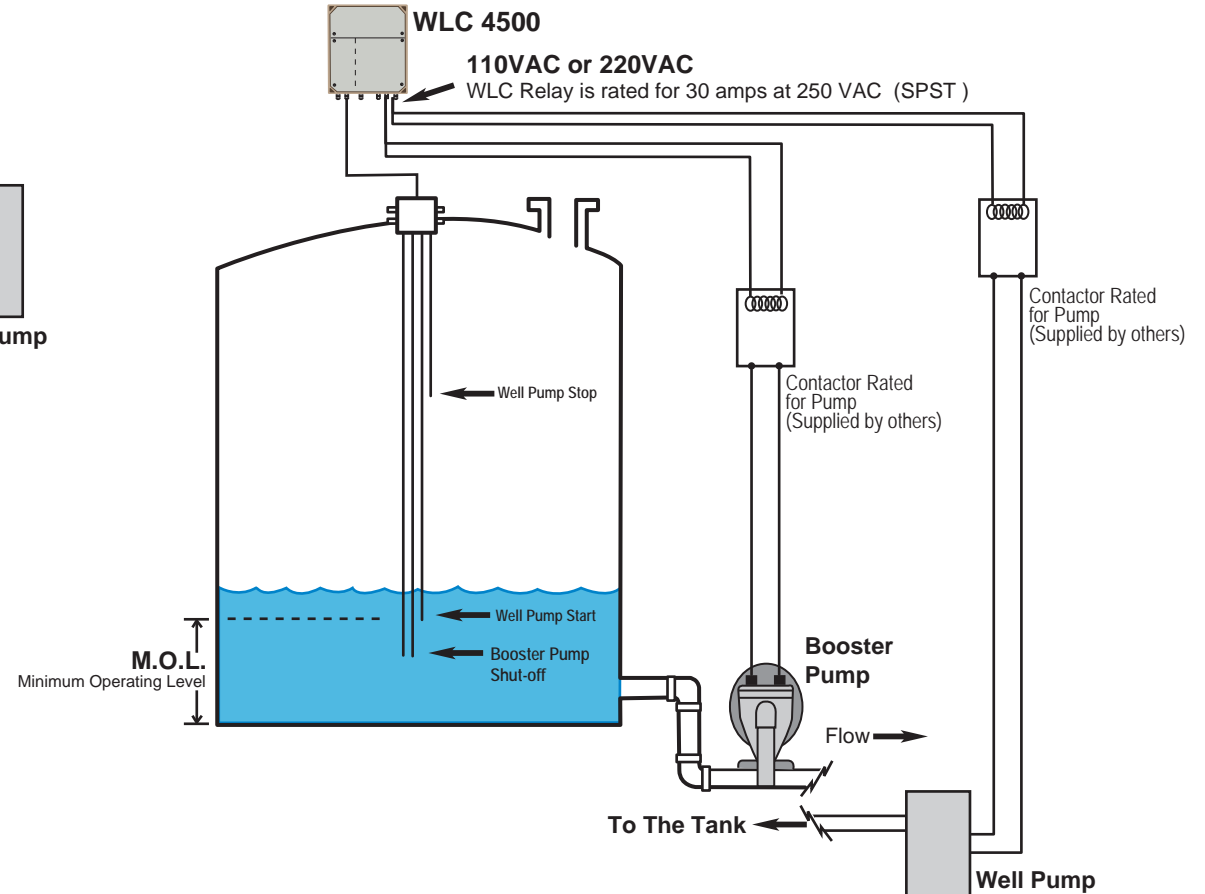
Fill Height with Low Level Alarm

DIAGRAM FOR ALL MODELS

SPECIFICATION FOR WLC 3000

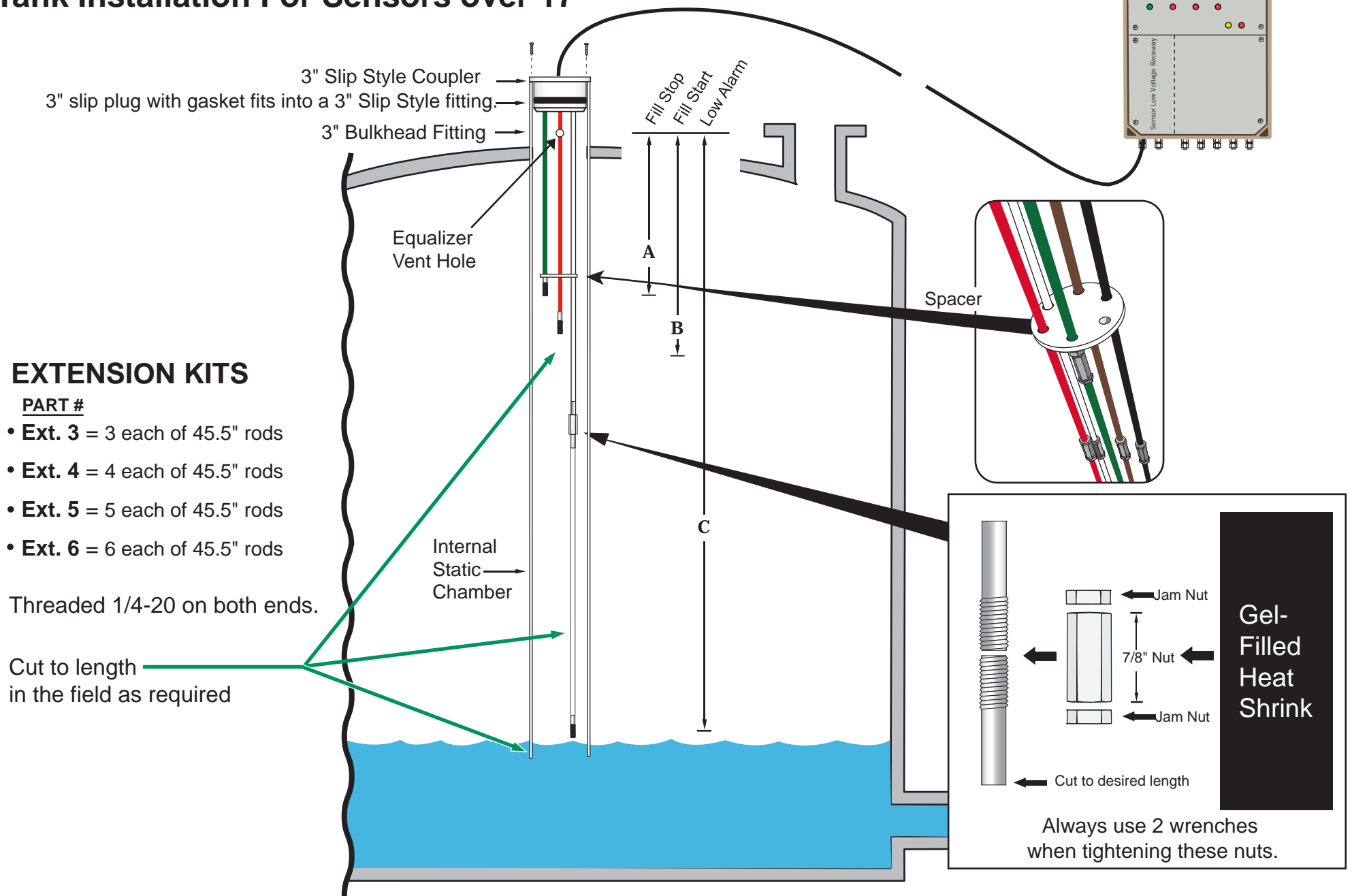


SPECIFICATION FOR WLC 4500 FILL WITH LOW LEVEL CUT-OFF



OPTIONS

Tank Installation For Sensors over 17"



EXTENSION KITS

PART #

- **Ext. 3** = 3 each of 45.5" rods
- **Ext. 4** = 4 each of 45.5" rods
- **Ext. 5** = 5 each of 45.5" rods
- **Ext. 6** = 6 each of 45.5" rods

Threaded 1/4-20 on both ends.

Cut to length in the field as required