



# HYDROSTATIC PUMP CONTROLLER

# HPC

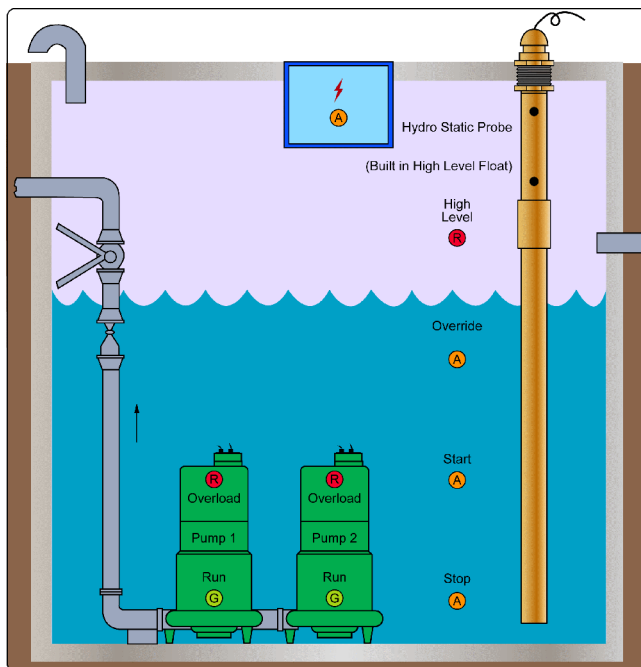
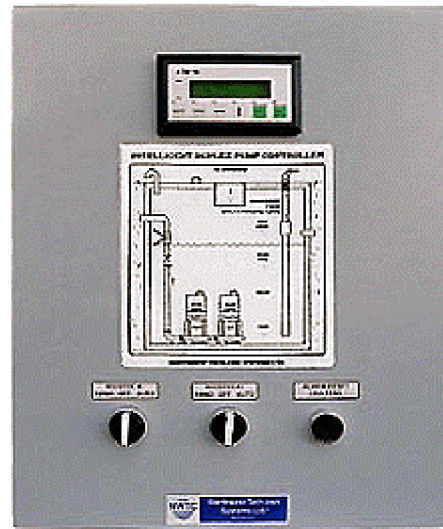
Designed for:

*Residential, Commercial, Municipal, Shallow / Narrow Sumps, Holding Tanks, and Effluent Applications*

**\* Simplex \* Duplex \* Triplex**  
**Single and 3 Phase Operation**

## FEATURES:

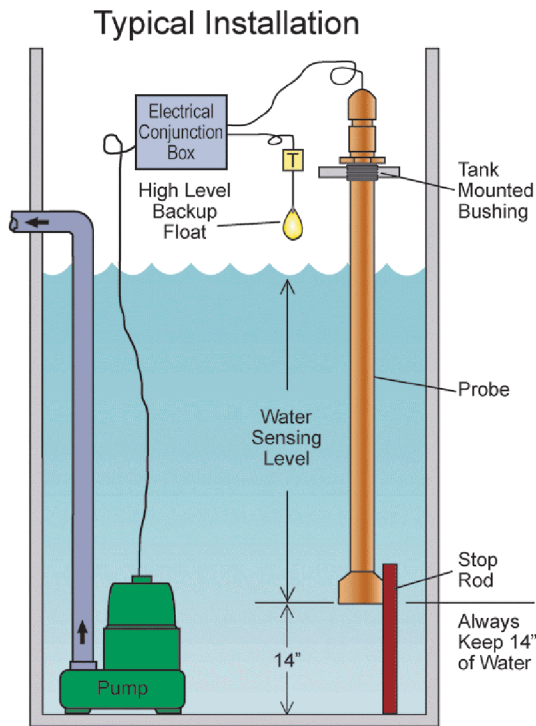
- Designed for narrow sumps
- Displays water level in inches or meters
- Settings for pump operated levels
- Settings for alarm status
- Displays pump running time
- 24 hour clock built-in
- Calculated total GPM (optional)
- Front LED graphic display
- HOA switches
- Motor contactor and circuit protector
- Probe fail alarm
- Remote monitor and SCADA (optional)
- CSA & UL approved



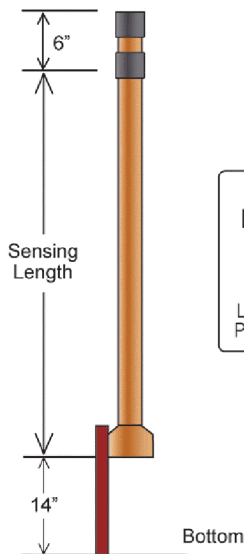
**Northwest Tech-Con System's** HPC has been recently developed for water and fuel applications. The controller utilizes an embedded microcomputer and a hydrostatic float-less liquid level transducer in the pump chamber to continuously monitor liquid levels, and control the operation of pump(s). Users can change settings on the control panel at the data terminal to define the level of stop / start / override / lead / lag / alternate / alarm status.



# TYPICAL INSTALLATION INFORMATION



Probe Model: LP — Series

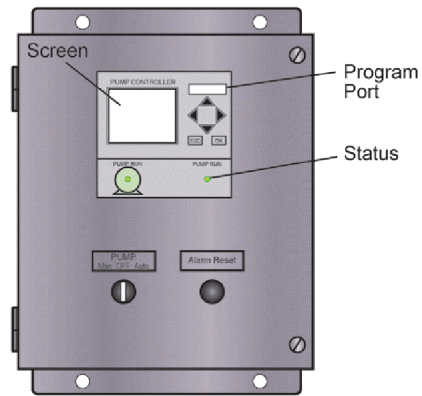


Ordering Information	
LP	A
Level Probe	Type

### HPC Controller Screen Messages

Low Level Alarm 10cm Level (cm) +00050	Current Level (cm) +00050	Pre-High Alarm 60cm Level (cm) +00050	High Level Alarm 70cm Level (cm) +00050	Check Probe Fail Tank Leak Pump Fail
--	---------------------------	---------------------------------------	---	--------------------------------------

Level Setting provided by customer



Standard Controller (1/2 - 1HP, 120/240v, 1Ø)  
 Simplex or Duplex - no option model HPC

#### Ordering Information

S	—	HPC	—	120	—	A B C
Simplex		Control Type		Motor Voltage		Options by Letter

#### Specification:

- Material: 1.5" vdc
- Temperature: 0 --- 30°C
- Differential: 100% Accuracy at 0 --- +30°C  
 97% Accuracy at 0 --- +40°C

#### Standard Probe (by inches)

Type	Control	Sensing	Total Length
A	6"	24"	30"
B	6"	30"	36"
C	6"	36"	42"
D	6"	42"	50"
E	6"	48"	54"
F	6"	54"	60"