

## Model 2RF992 pH Controller

The measurement of pH plays an important role in identifying and controlling acidity and alkalinity levels for the use of Hydrobiogesters.

By using a pH meter, you can determine the exact pH levels of solutions. For example, Rather than say that lemon juice is quite acidic, you can say that lemon juice has a pH of 2.4. An exact pH value can be used to control or measure acidity or alkalinity levels in your Hydrokleen water filtration and recycling equipment. pH values generally range from 0 to 14 with a pH value of 7 being the neutral point or value of pure water. Levels above 7 represent increasing alkalinity; levels below 7 represent increasing acidity.

Options and Accessories	
<b>Mounting Options</b>	
*2RG007	Wall Mount
2RG008	Filtration Cabinet Mounted
2RG009	Tank Frame Mounted,(Bioreactor)
<b>Electrical: Power &amp; Controls</b>	
*2RF995	120V/230V, 1PH, Stand Alone
2RF996	220V 1PH,50HZ,Stand Alone
2RF997	LC Controlled, 60/50 Hz
<b>Pump Dosing Options</b>	
*2RI022	No Dosing Pump
2RF998	Single Dosing Pumps
2RF999	Dual Dosing Pump
<b>Accessories</b>	
2RN072	Electrode Cable Extension, 10'
*2RG006	pH Calibration Kit



NOTE: \* reflects the standard

### How the Hydrokleen™ pH Controller Works:

While Hydro Engineering Inc. does not supply pH increase and pH reducing chemicals, we will assist you in determining the best chemical for your application. Hydro Biogesters will continue to survive in pH ranges from 4.5 to 9.5. However, they are optimized at a neutral pH of 7.0.

pH adjusting chemical is pumped into the waste stream as required based on the systems reading of the waste water pH.