

Model Bioreactor Hydrokleen™

The Hydrokleen Bioreactor eliminates odors from waste water and converts organic matter including soaps, waxes, oils, greases into harmless water and carbon dioxide.

Enjoy pathogen free water!

Standard Features:

- Gravity flow through design
- Self-cleaning tanks
- Overflow protection device
- Biological oxygenation system keeps bacteria aerobic 24 hours per day
- Removes wax, soaps and organic chemicals
- Consumes hydrocarbons (oils, grease, fat)

NOTE: * reflects the standard

Specifications

Dimension: Bioreactor with 210 tank option, 33" x 47" x 88"H Weight 550 lbs.
 Bioreactor with 500 tank option, 51" x 52" W x 88"H Weight 696 lbs.



Options and Accessories		Discharge Options	
	Tank & Frame Options	*2KF176	Hydrokleen, Gravity Discharge, 1.5" FPT
*1WE529	Bioreactor, 210GAL Tank	1WF531	Hydrokleen, Gravity Discharge, 3" FPT
1WE527	Bioreactor, 500GAL Tank	2EW785	Grommet For 3"PVC Pipe Gravity Outlet
2KK223	Dosing Systems Mounting Bracket	2CG108	Sump Pump Discharge, 1.5", 1/3 HP, 115 Volt 60 Hz
	Electrical: Power & Controls	2KH190	Sump Pump Disc., 1.5", 1/3 HP, 220 Volt, 50 Hz
*2KJ217	Electrical, 120 Volt, 1 Phase, 60Hz		Drain Line Control Valves
2KJ218	Electrical, 220 Volt, 1 Phase, 50 Hz	*1WV697	Sludge Drain, Manual Valve, 1.5"
	Inlet Control Options, Hydrokleen	1ZJ359	Sludge Drain, W/Motorized Ball Valve
*2KF172	No Inlet Control, Flow Through System		Drain Line Connections
2KJ219	Float Switch, SPST, NC, 115 Volt 60 Hz	2KF174	Sludge Drain, W/Single 1.5" FPT
2KK220	Float Switch, DPST, NC, 220 Volt 50 Hz	2KF175	Sludge Drain, W/Dual 1.5" FPT
	Inlet Fittings/Plumbing Connections		Biological Odor Control
*2KL239	Single Inlet Feed, 1.5" FPT	2AR691	Auto Doser For Biodigester W/AC Adapter
2KM240	Single Inlet Feed, 3/4" FPT		Automatic De-Foam System
1XR914	Single Inlet Feed, 3" FPT	1YF055	De-Foam Dispenser, W/Sensor & AC Adapter
2KM246	Grommet For 3" PVC Gravity Inlet		
2KE169	Dual Inlet Feed, 1.5" FPT		

How the Hydrokleen™ Bioreactor Works:

Bioreactors are the basic filtration method used by industrial and governmental sewer plants. Any industry producing waste water can benefit immensely from the proper use of the BIOREACTOR. Converting organic matter including oils and greases to harmless water and carbon dioxide and providing pathogen free water are just a few of the benefits. Contained within the reactor is a specific biomass media. The biomass creates a home for trillions of bacteria where contaminants such as organic chemicals, soaps, wax and hydrocarbons are collected for digestion by the bacteria. See the information on Hydro-Biodigesters bacterial products.