Hydrokleen Wastewater Filtration

SST - Solids Settling Tank

The SST is designed for flow through filtration rates up to 50 GPM. Wastewater is transferred to the SST from any wash pad central collection point. Slurry enters the system at a quiescent feed tube where fluid velocity is slowed and particle density separation begins. Process flow transcends downward through a tube then makes a 180-degree transition vertically into a large clarification zone. Velocity reduction and flow reversal transition design of the SST combine to maximize gravitational separation and solids settling. Clarified liquid is skimmed from the surface at the discharge point. Solids accumulation at tank cone bottom are either periodically purged for downstream accumulation or optionally pumped to a Hydrokleen CMAFU-2 for filtration. Contact a Hydro Engineering, Inc. project manager for complete system design and application assistance. Hydrokleen filtration / recycling systems are UL-979 and CSA certified, and conform to CE standards.

Standard Features

210 Gallon Tank
Gravity Flow Through System
Flow Rates Up to 50 GPM
Passive / Active Gravity Solids Separation
Self-cleaning Tank
Overflow Protection

Optional Features

500 Gallon Tank
Pressurized Discharge To Drain
Biological Odor Control and Hydrocarbon Elimination
Ozone Bacteria Control
De-foam Control

Specifications

Flow Rate - GPM (LPM)	50 (189.3)
Dimensions, Inches (cm)	34.5 (87.6) L X 34.5 (87.6) W X 98.3125 (249.7) H
Weight, Lbs (kg)	550 (249.5)

	Standard
Volts (60Hz)	120V-1P
Amps (60Hz)	5

Pricing

For complete pricing details,
Submit a quote online below.

Get a Quote

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