

Hydrokleen Wash Water 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.

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