

Hydrokleen™ (SST) Solids Settling Tank

Standard Features:

- Gravity flow through design
- Flow rates of 25 and 50 GPM
- Passive/active gravity solids separation
- Self-cleaning tank makes sludge removal easy
- Overflow protection device
- Optional continuous solids removal to 5 micron nominal w/ continuous media automatic filtration unit (CMAFU-2)
- Factory assembled and tested

Tank & Frame Options

STD- 210 Gallon Tank, 3" Discharge

OPT- 500 Gallon Tank, 3" Discharge

Biological Odor Control

OPT- Auto Doser for Biodigester application
(Biodigesters must be purchased separately)

Solids Polishing Option

OPT – 5 Micron Nominal Polishing Loop with Pump
(Requires CMAFU-2)

Discharge Options

STD - Hydrokleen, Gravity Discharge, 3"

OPT - Sump Pump Discharge, Stainless Steel. 1/3 H.P. 115 Volt

OPT - Polishing With CMAFU-2, With Inlet Pump Level Control

Drain Line Configuration

STD - Stand Alone Sludge/Drain Line

OPT- Common Sludge/Drain Return Line

OPT - Automatic Sludge Drain Control (Motorized Ball Valve)

Inlet Options

OPT - Single Inlet Pump Assembly, 1/3HP, Stainless Steel



OPT - Single Inlet Pump Assembly, 0.3HP, Cast Iron

OPT - Dual Inlet Pumps, 2 Each 1/3HP Stainless Steel

OPT - Dual Inlet, 1/3HP SS & 1/4HP Auto sensing

OPT - Single Inlet Pump Assembly, 1/2HP, 1/4" Solids

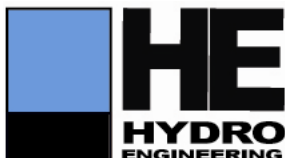
OPT - Single Inlet Pump Assembly, 3/4HP, 1/2" Solids

Specifications

Dimension: SST-210, 34" x 34" x 96"
SST-500, 52" x 51" x 96"

How the Hydrokleen™ (SST) Solids Settling Tank Works:

When below ground, water storage is inadequate for solids settling; above ground solids settling becomes very useful. Water is pumped from any collection point to the SST. Wastewater is directed through a liquid quieting well tube where its velocity is slowed to as low as 3 FPM, the wastewater is forced reverse course 180 degrees in order to exit the SST allowing solids settle to the bottom. Clarified wastewater drawn through a cascade collection system and directed to the exit port. The SST flow is governed by gravity and is self regulating. Its self cleaning cone bottom tank can be manually or automatically purged, depending on the system configuration. The addition of the optional CMAFU-2 polishing loop continuously removes accumulated sludge from the bottom of the SST. During periods of low flow the CMAFU-2 polishing loop super cleans the wastewater to <5 microns nominal.



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