

HYDRO LOOP® WASTEWATER TREATMENT

Manufactured by Hydro Tek
2353 Almond Avenue Redlands, CA 92374
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R4TE1

OIL / WATER / SOLIDS Separation System

Should the customer be a heavy solids producer and there is inadequate settling time or no pre-clarification we advise the use of a R4TE1 4-cell clarifier system. This above ground solids and oil-water separator is for use in pre-treatment of wastewater recycling. The tanks dramatic slant bottom and flow design aids in the separation and removal of settleable solids. Oil-water separation is enhanced through flow control and inclined tank-to-tank flow progression. Bio-metric coalescing spheres attract and aid in the collection and removal of free floating oils which are skimmed from the first tank and are routed to a separator collection chamber. 4, 2" air actuated drain valves remove settled solids collection from the bottom of the tanks automatically. For consistent tank purging, an adjustable cycle timer is installed. This system can typically be used independently as a pre-stage separator for sanitary sewer discharge, where permitted, or as a pre-treatment system inline before a recycle process unit. They can be used to enhance the operation of an existing recycle system. This system includes the AST00 oil water separation containment system.

PROCESS FLOW RATE	Wastewater process flow up to 15gpm
FRAME	Black Powder Coated
POWER REQUIREMENTS	120 Volt AC, 10-amp
AIR REQUIREMENTS	70 psi, 2 scfm

SEPARATOR TANKS

TANK CONSTRUCTION	Rotational molded heavy wall polyethylene
OIL SEPARATION	Center water column removal Process, 5 cu ft oil coalescing spheres
SOLIDS SEPARATION	4 stage inclined gravity separation with sludge / solids drain
DRAIN VALVES	2" Pneumatic actuated gate valve

TRANSFER PUMP

TRANSFER PUMP	1/3 HP, 115 volt, 8.5-amp, automatic level controlled
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WARRANTY	One Year accessory warranty
DIMENSIONS / WEIGHT	44.25" x 61" x 86", 525# (empty)
OPTION	Stainless Steel Frame, AR4S1

Featuring...

- ✓ Hydrocarbon skimmer and solids separation
- ✓ Fully automated discharge
- ✓ Self sufficient and maintenance free
- ✓ Automated purging/drain system, as many times per day as needed
- ✓ Includes oil/water separator collection tank
- ✓ Stainless steel frame option available

TO: _____

COMMENTS: _____

YOUR PRICE: _____

DISTRIBUTED BY:

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Shown with optional stainless steel frame