



# Wilson Environmental

## ENGINEERED WATER & WASTEWATER SYSTEMS

### Corona Discharge Ozone System

As the wash water is pumped into the unit, it is injected with a high concentration of ozone via a corona discharge ozone injector system for a "quick kill" of live bacteria on contact.

### Three-Stage Stainless-Steel Tank

As the water flows through the stainless-steel three-stage stainless steel tank, it changes the overall flow direction several times as it flows around four vertical baffles. The water is slowed down and fine silt and solids drop to the bottom of the tank.

### Oil-Coalescing Media

As the water progresses through hundreds of square feet of honeycomb-shaped meshed oleophilic (oil-attracting) coalescing media, it will change directions countless times. In this process, mechanically emulsified oil particles are attracted from the water to the oleophilic media, and float to the surface.

### Oil Skimmer/Decanter

Once the oil floats to the water's surface, it is then skimmed into an oil decanter for easy disposal.

### Discharge Port

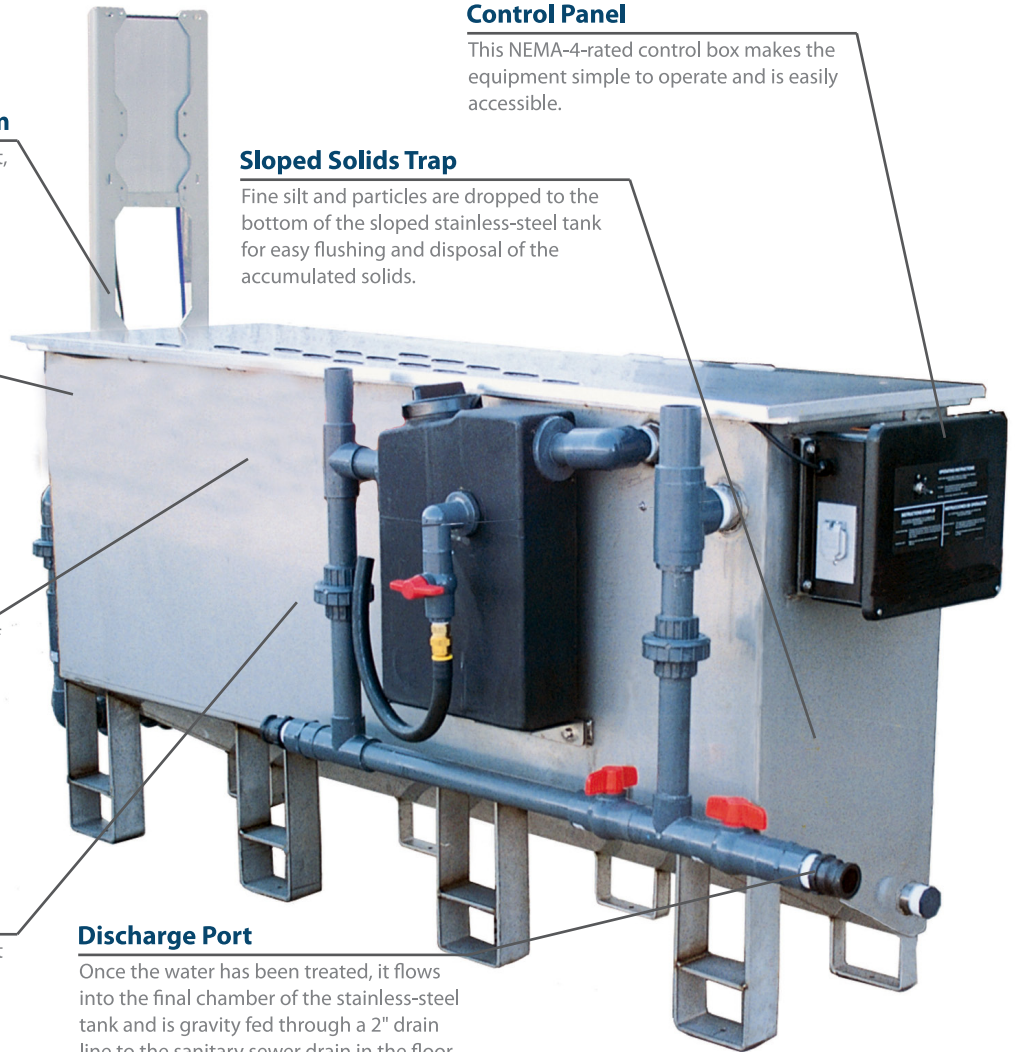
Once the water has been treated, it flows into the final chamber of the stainless-steel tank and is gravity fed through a 2" drain line to the sanitary sewer drain in the floor.

### Control Panel

This NEMA-4-rated control box makes the equipment simple to operate and is easily accessible.

### Sloped Solids Trap

Fine silt and particles are dropped to the bottom of the sloped stainless-steel tank for easy flushing and disposal of the accumulated solids.



## Above Ground Oil Water Separators

### Let Us Help You

Wilson Environmental offers aboveground oil water separators designed to meet most city and county regulations for wash water disposal and wastewater disposal from maintenance or vehicle wash bays to allow discharge directly to sanitary sewers. This system will meet most cities sewer discharge limitations or requirements and will satisfy most discharge permit requirements. Wilson Environmental also offers oil water separators designed to perform as full wastewater recycle systems.

### Specifications

MODEL #	WOS-15-0M10	WOS-30-0M10
Flow Range	0-15 GPM	0-30 GPM
Coalescing Media	672 sq. ft.	1,152 sq. ft.
Ozone Generation	24 grams/day	24 grams/day
Tank Holding Capacity	170 gallons	340 gallons
Sump Pump	0.5 HP, 120V	0.75 HP, 120V
Power Requirements	120V, 15 amp	120V, 15 amp
Dimensions (L x W x H)	91" x 31" x 40"	97" x 50" x 44"