

Highlights

- Flow rates from 1 to 150+ GPM
- <10 PPM oil effluent
- Excellent choice for low TSS applications
- Compact and cost-effective
- 304SS construction standard
- 25+ year lifespan
- Easy to install operate and maintain

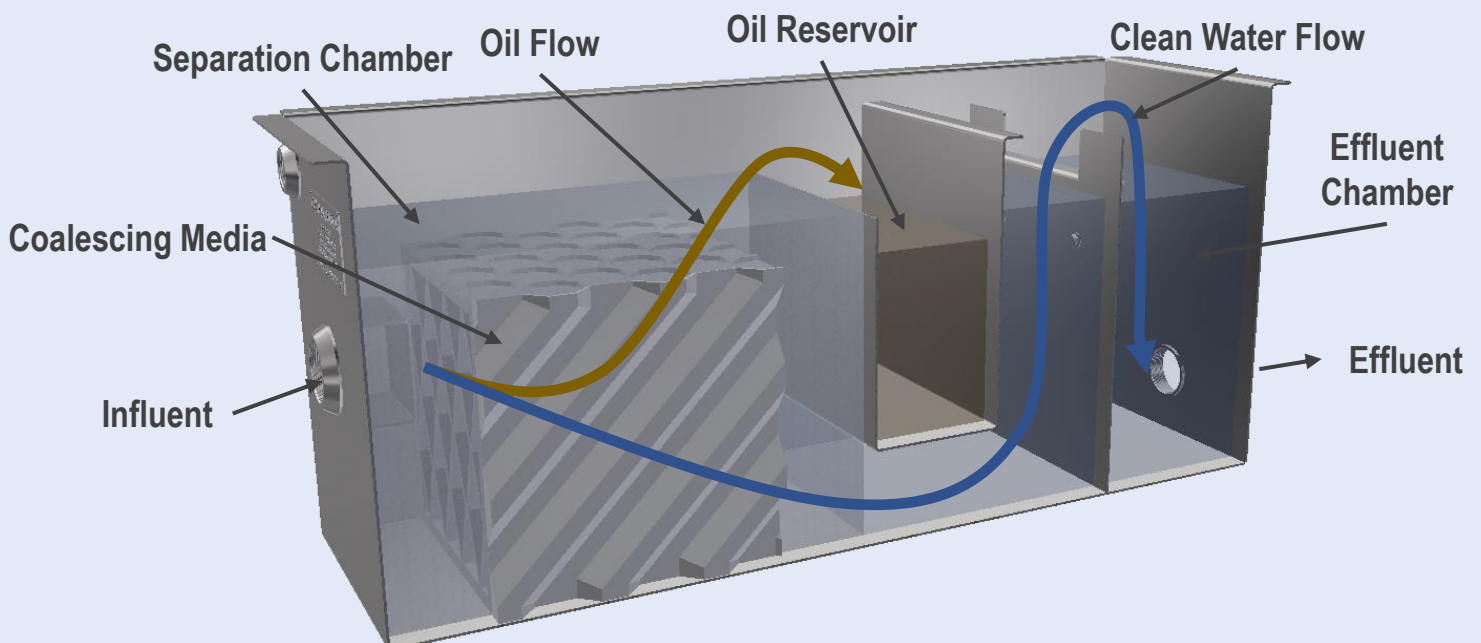


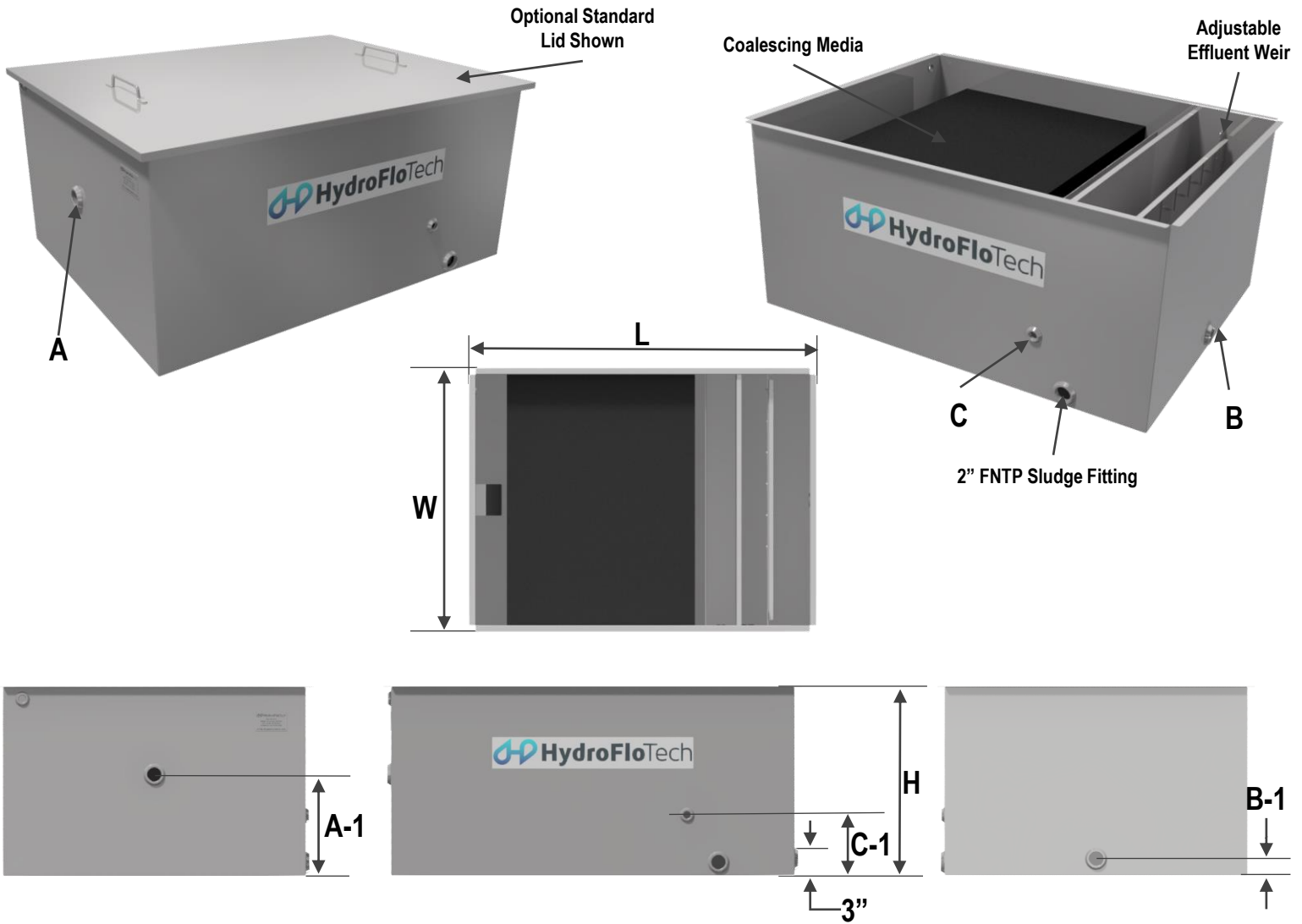
Standard Features

- Influent dispersion baffle
- Oil retention baffle specifically designed to enhance the performance of the DynaPac™ media
- Proprietary DynaPac™ hi-density coalescing media (Media available in PVC or 304 SS)
- Adjustable weir system

Options

- Removable Lid
- Pump packages:
 - Influent
 - Effluent
 - Oil
- Mobile / Skidded Packaged Systems
- Custom Stands / Freeze Protection
- Relocation of pipe fittings for easier installation
- Secondary containment with interstitial monitoring
- Custom Oil Storage Reservoir and Sight-Glass Assemblies
- Unit Material: 304SS, 316L SS, Polypropylene
- Media Material: PVC / HPVC / PP / 304 SS





EconoSep™ OIL WATER SEPARATOR STANDARD PRODUCT DATA SHEET

MODEL #	FLOW RATE (GPM) *	UNIT DIMENSIONS			FITTING SIZE		ELEVATION			CAPACITY (US Gallons)			OPERATING WEIGHT (lbs.)
		Length (L)	Width (W)	Height (H)	Influent / Effluent (A) / (B)	Oil (C)	Influent (A-1)	Effluent (B-1)	Oil (C-1)	Overall Unit	Oil Reservoir	Effluent Chamber	
ES001	0 - 5	43"	15"	19"	2"	1"	9"	3"	6"	26	2	5	337
ES002	1 - 10	43"	27"	19"	2"	1"	9"	3"	6"	51	4	10	601
ES004	5 - 20	55"	27"	19"	2"	1"	9"	3"	6"	69	4	10	769
ES008	9 - 40	57"	27"	31"	2"	1"	17"	3"	10"	143	9	25	1,531
ES012	18 - 50	57"	39"	31"	3"	1"	17"	4"	10"	214	14	38	2,226
ES016	26 - 70	57"	51"	31"	3"	1"	17"	4"	10"	286	19	51	2,916
ES020	35 - 90	57"	63"	31"	3"	1"	17"	4"	10"	359	24	64	3,621
ES024	40 - 100	59"	51"	43"	3"	1"	25"	4"	14"	442	28	92	4,440
ES030	45 - 125	59"	63"	43"	4"	1"	25"	4"	14"	553	36	115	5,503
ES036	50 - 150	71"	51"	43"	4"	1"	25"	4"	14"	547	28	92	5,399

**System Description**

- 304 stainless steel construction with stainless steel elevation support legs
- 8 cu.ft. separation chamber containing 8 cu.ft. of removable PVC coalescing media
- Adjustable weir oil skimmer and removable lid assembly

Project Description

This 20 gpm low-profile Enhanced Gravity Separator is designed according to API criteria for use at a Landfill Gas to Energy Facility in Irvine, CA. Project was a joint effort between local General Contractor and one of nation's the oldest engineering firms. Effluent contains less than 10 mg/l of oil droplets greater than 20 microns with specific gravity of 0.9 or less at flow rate of 20 gpm or less.

**System Description**

- Industrial-grade polypropylene construction with carbon steel elevation stand
- 2 cu.ft. separation chamber containing 2 cu.ft. of removable PVC coalescing media
- Adjustable weir oil skimmer and removable lid assembly

Project Description

The 5 gpm polypropylene Oil Water Separator is used by North America's largest residential recycler at a waste recycling center in Nashville, TN. Whether they are separating solids from oil and water using gravity or accelerated methodologies, the end result is oil that can be sold or reused. This recovery application is often used to offset treatment, transportation and / or disposal costs.

**System Description**

- 304 stainless steel construction
- 12 cu.ft. separation chamber containing 12 cu.ft. of removable PVC coalescing media
- Adjustable weir oil skimmer and removable lid assembly

Project Description

The ES-012-SS EconoSep model can easily handle flow rates up to 10 gpm or more. Our distributor operating in northeastern U.S. as well as the U.K. has been very successful focusing on the EconoSep series for almost 15 years. This particular unit is used for a groundwater remediation application.

**System Description**

- 316L stainless steel construction
- 24 cu.ft. of removable PVC coalescing media
- Adjustable weir oil skimmer and removable lid assembly

Project Description

The ES-024-SS EconoSep model can handle flow rates of 30 gpm or more. This enhanced gravity Oil Water Separator is being used for wastewater treatment at a mountain resort in Snowshoe, West Virginia.

