

### Highlights

- Flow rates from 1 to 150+ GPM
- <10 PPM oil effluent
- Integral Hopper Bottom for settling solids
- Compact and cost effective
- 304SS construction standard
- 25+ year lifespan
- Easy to install, operate and maintain

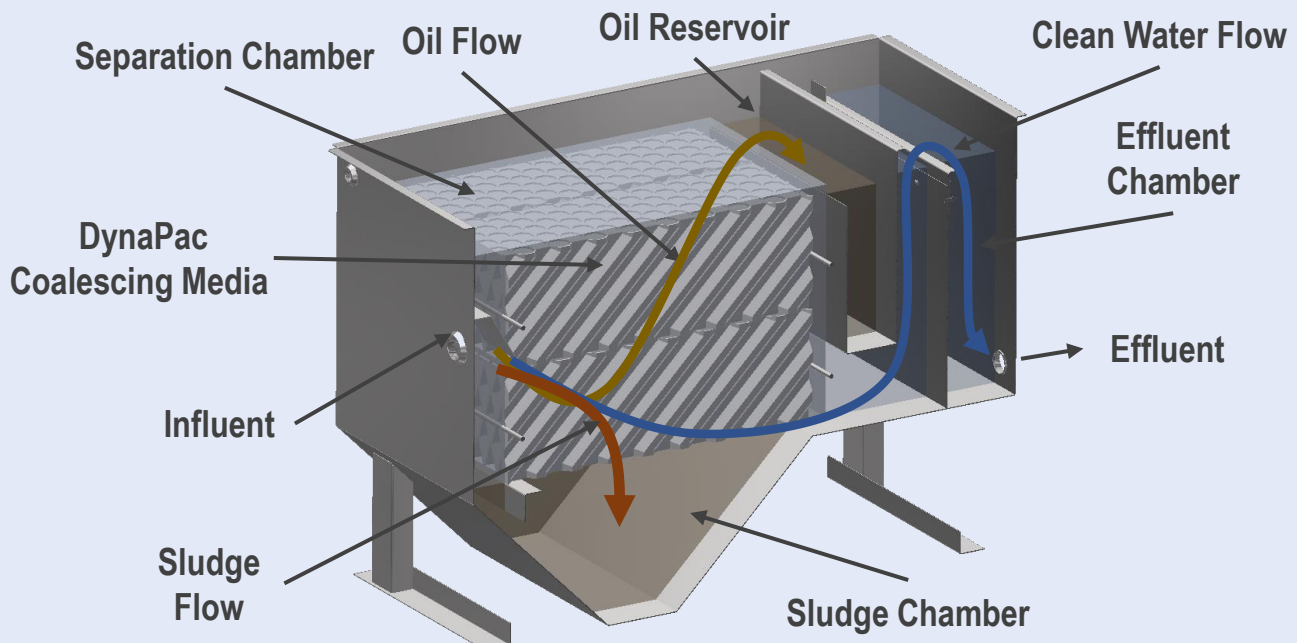


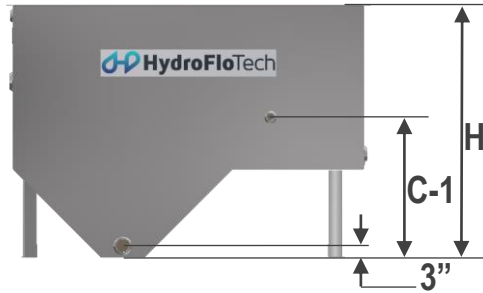
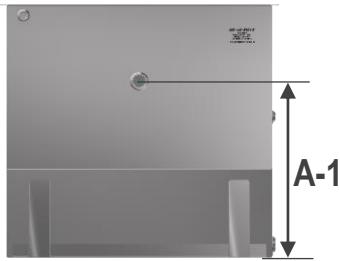
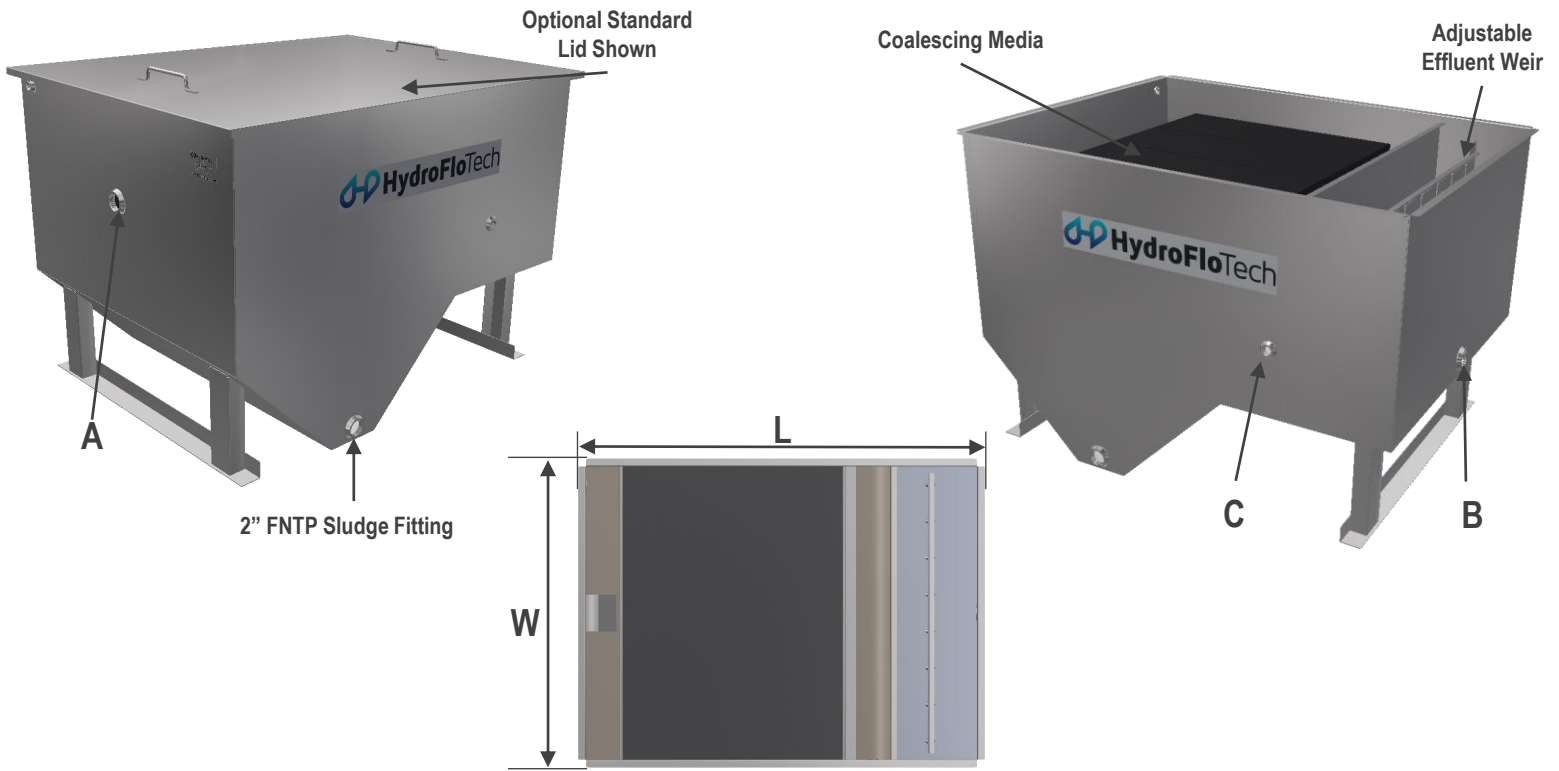
### Standard Features

- Influent dispersion baffle
- Integral sludge hopper
- 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
  - Sludge
- 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 : 304, 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)	Unit	Oil Reservoir	Effluent Chamber	
ESH-01	0 - 5	43"	15"	24"	2"	1"	14"	8"	11"	28	2	5	360
ESH-02	1 - 10	43"	27"	24"	2"	1"	14"	8"	11"	56	4	10	655
ESH-04	5 - 20	55"	27"	29"	2"	1"	19"	13"	16"	87	4	10	955
ESH-08	9 - 40	57"	27"	41"	2"	1"	27"	13"	20"	161	9	25	1,713
ESH-12	18 - 50	57"	39"	41"	3"	1"	27"	13"	20"	242	14	38	2,492
ESH-16	26 - 70	57"	51"	41"	3"	1"	27"	13"	20"	323	19	51	3,272
ESH-20	35 - 90	57"	63"	41"	3"	1"	27"	13"	20"	405	24	64	4,060
ESH-24	40 - 100	59"	51"	53"	3"	1"	35"	13"	24"	479	28	92	4,828
ESH-30	45 - 125	59"	63"	53"	4"	1"	35"	13"	24"	599	36	115	5,976
ESH-36	50 - 150	71"	51"	59"	4"	1"	41"	19"	30"	626	28	92	6,158



#### System Description

- EconoSep ESH-004-SS oil water separator with hopper made of 316L stainless steel with removable lid assembly
- Stainless steel adjustable weirs with 4 cu.ft. of DynaPac stainless steel coalescing media

#### Project Description

US based, organic peroxide manufacturer needed to remove oil entering their process. Given the higher pH, the client was looking for a non-corrosive material that would last the test of time. HydroFloTech was able to deliver the 316L stainless steel unit with 304 stainless steel coalescing media in record time



#### System Description

- EconoSep ESH-002-SS oil water separator with hopper made of 316L stainless steel and removable lid assembly
- Stainless steel adjustable weirs with 2 cu.ft. of DynaPac PVC coalescing media

#### Project Description

One of the world's largest oil companies looking to remove free oils and sludge entering their process. HydroFloTech was able to build the unit in record time and deliver 316L stainless steel unit with PVC coalescing media.



#### System Description

- EconoSep ESH-008-SS oil water separator with hopper made of 304 stainless steel with removable lid assembly
- Stainless steel adjustable weirs with 8 cu.ft. of DynaPac PVC coalescing media
- Custom built, oversized effluent chamber to allow for local city's requirements
- Effluent pump package (level switch, effluent pump, control panel) also supplied.

#### Project Description

Client opened a new tanker truck wash in Wilmington, NC area. Unit is designed to operate at a maximum of 16 gpm and is built in 304 stainless steel unit with PVC coalescing media.



#### System Description

- EconoSep ESH-024-SS oil water separator with hopper made of 304 stainless steel with removable lid assembly
- Stainless steel adjustable weirs with 24 cu.ft. of DynaPac PVC coalescing media
- Oil pump package (level switch, oil pump, control panel) with visible and audible alarms
- Effluent pump package (level switch, effluent pump, control panel) also supplied.

#### Project Description

End user is the US Army Corp. of Engineers working on the Wolf Creek Dam in south central Kentucky. The oil water separator is set up to capture any accidental spills happening around the dam or maintenance facilities. The oil water separator is designed to handle flows up to 200 gpm, and includes custom heating blankets for freeze protection. Unit is built in 304 stainless steel with PVC coalescing media.

