



Highlights

- Flow rates up to 2,000+ GPM
- <10 PPM FOG effluent
- Integral sludge hopper
- Models available to handle any application
- Cost effective
- Easy to install, operate and maintain

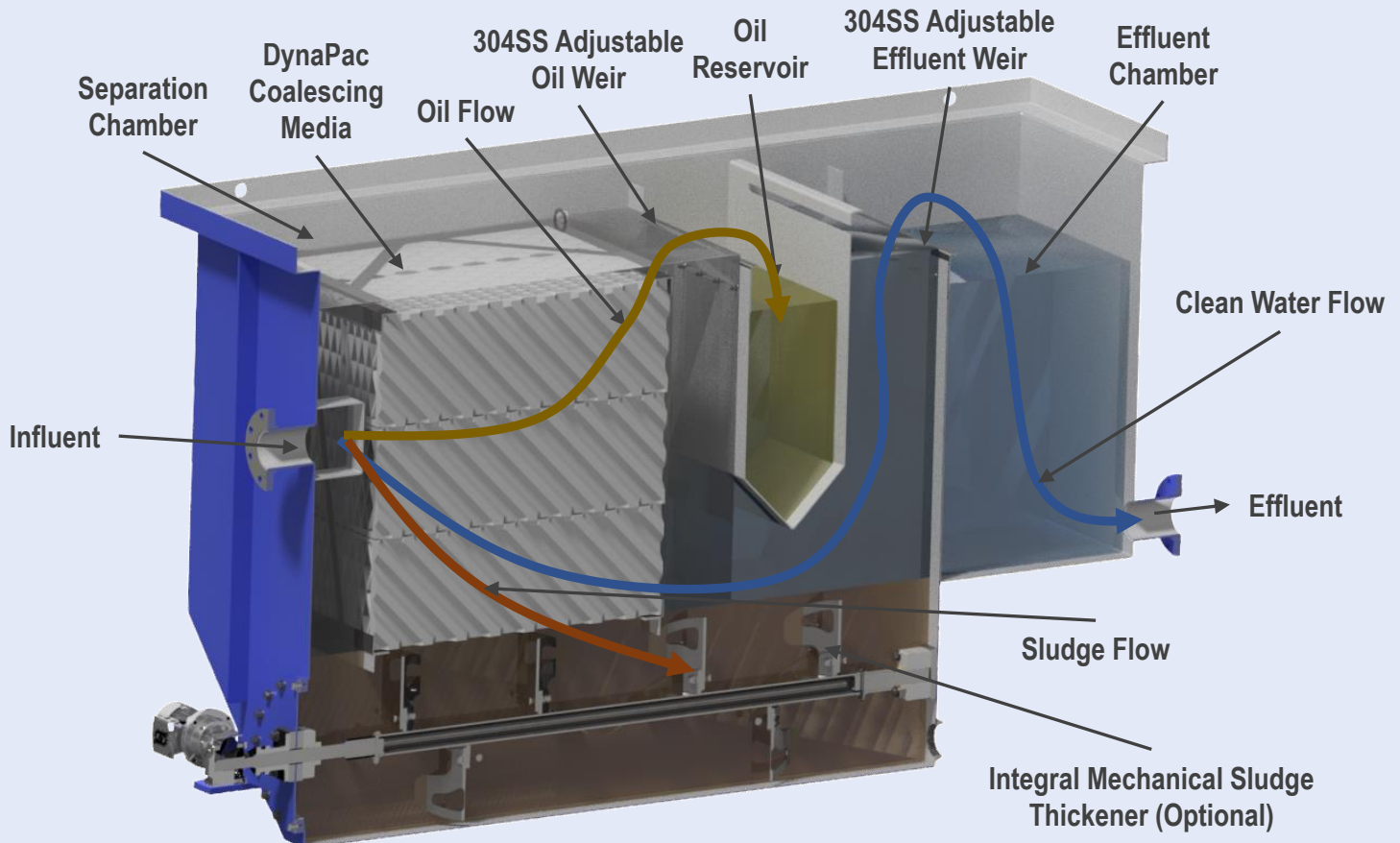


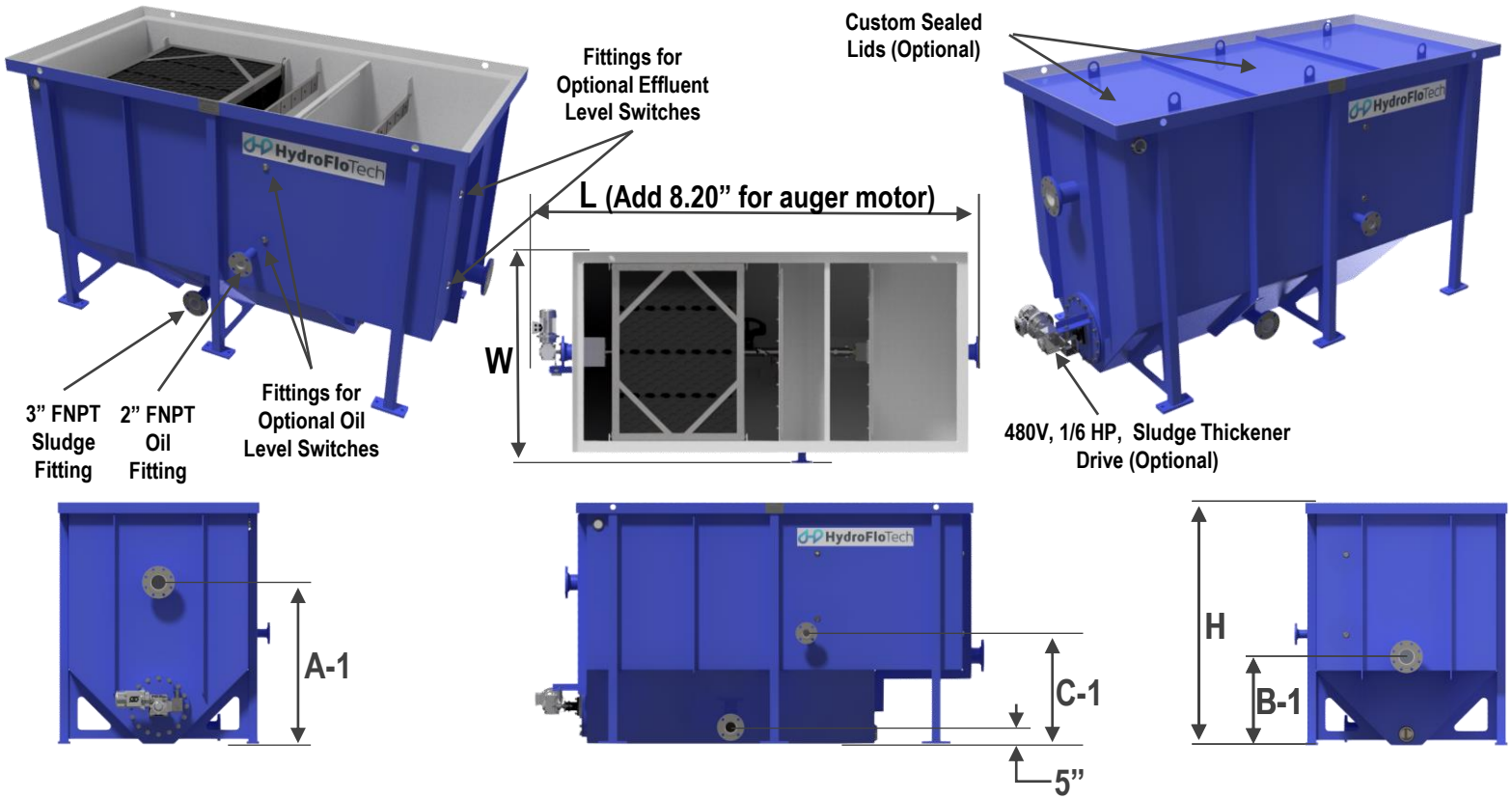
Standard Features

- Influent flow dispersion manifold
- A36 carbon steel with epoxy coating
- Integral sludge hopper
- Oil reservoir / retention baffle specifically designed to enhance the performance of the DynaPac media
- Removable lid sections
- Adjustable weir system
- DynaPac™ hi-density PVC coalescing media

Options

- Integral mechanical sludge thickener
- Pump packages (pump, level controls, etc.)
 - Influent
 - Effluent
 - Oil
 - Sludge
- Bag filter package for removal of minimum solid
- Secondary containment with interstitial monitoring
- Freeze protection and vapor tight lids
- Unit Material: A36 carbon steel, 304 / 316L stainless steel
- Media Material: PVC, HPVC, Polypropylene, 304 SS





TotlSep™ OIL WATER SEPARATOR STANDARD PRODUCT DATA SHEET

TSH MODEL #	MEDIA DIMENSIONS (Feet)			FLOW RATE (GPM)	CAPACITY (US Gallons)		FITTINGS (Inches)		ELEVATION (Inches)			UNIT DIMENSIONS (Inches)			Operating Weight (lbs.)
	Length	Width	Height		Oil Reservoir	Sludge Hopper	Influent	Effluent	Influent (A-1)	Effluent (B-1)	Oil (C-1)	L	W	H	
TSH-036	3	4	1	50 - 150	53	199	6	4	25	25	32	116	56	68	10,466
TSH-045	3	5	1	80 - 200	66	308	6	6	25	30	37	116	68	73	13,601
TSH-054	3	6	2	100 - 300	79	442	6	6	25	35	42	116	80	78	16,853
TSH-080	4	5	2	150 - 400	91	355	6	6	33	30	41	128	68	85	19,296
TSH-096	4	6	2	160 - 500	109	509	8	8	33	36	46	128	80	90	23,658
TSH-112	4	7	2	200 - 600	128	690	8	8	33	41	51	128	92	95	29,011
TSH-180	6	6	3	225 - 660	140	643	8	8	41	36	50	152	80	102	34,323
TSH-210	6	7	3	250 - 775	163	872	8	8	41	41	55	152	92	107	40,819
TSH-240	6	8	4	300 - 900	186	1,136	10	10	41	47	60	152	104	112	47,699
TSH-294	7	7	4	310 - 925	198	963	10	10	49	42	59	164	92	119	51,635
TSH-336	7	8	4	350 - 1,075	226	1,255	10	10	49	47	64	164	104	124	59,624
TSH-378	7	9	4	375 - 1,200	254	1,584	10	10	49	52	69	164	116	129	68,330
TSH-448	8	8	6	400 - 1,250	267	1,373	12	12	57	48	68	176	104	136	72,875
TSH-504	8	9	6	450 - 1,400	300	1,734	12	12	57	53	73	176	116	141	82,883
TSH-560	8	10	8	500 - 1,550	333	2,137	12	12	57	58	78	176	128	146	93,749
TSH-648	9	9	8	525 - 1,600	345	1,884	12	12	65	53	77	188	116	153	99,627
TSH-720	9	10	8	600 - 1,800	383	2,322	14	14	65	59	82	188	128	158	112,461
TSH-792	9	11	8	650 - 2,000	421	2,805	14	14	65	64	87	188	140	163	125,721



System Description

- A36 coated carbon steel construction with expanded 400 gallon oil reservoir
- 192 cu.ft. PVC coalescing media, with 96 cu.ft. spaced @ 0.5"
- Control Panel, platform w/ladder, effluent and oil discharge pumps, level sensors, 4 viewing hatches, thermostatically-controlled immersion heaters

Project Description

This 400 gpm Separator has been operating at a coal and natural gas-fired electrical power station located on Lake Michigan in Oak Creek, WI. Project was started/completed in 2006. Effluent contains less than 10 mg/l of oil droplets greater than 20 microns with specific gravity of 0.84 or less at a flow rate of 400 gpm or less



System Description (Three Unit Set)

- Two (2) coated carbon steel TS-096 custom OWS and one (1) TS-064 custom OWS
- Two with 96 cu.ft. of PVC coalescing media, and one with 64 cu. ft. of PVC media
- All three separators have surface drag skimmers and fittings to allow future DAF upgrades.

Project Description

These installations are for groundwater remediation and are located at The Magellan Terminal in Kansas City, Kansas, a large tank yard at a very old pipeline site.. Application involved treatment at flow rates to 150 gpm, to reduce or remove LNAPL sheen or LNAPL emulsion, dissolved organics, BTEX, TPH, and other petroleum products.



System Description

- One TS-024 TotlSep Model OWS made of 304 stainless steel with removable lid assembly
- Stainless steel adjustable weirs with 24 cu.ft. of DynaPac PVC coalescing media
- Oil pump, effluent pump, and sludge pump packages located beneath Separator. Level Sensors w/ alarms were provided for oil and effluent chambers. Stainless steel Control Panel.

Project Description

This Separator is of similar design to the OWS it replaced at the Naval Air Station in Patuxent River, MD. Located in the basement on the base, it is designed for flexibility to handle flow rates in 11-20 gpm range and treat a number of different waste streams.



System Description

- TS-068 OWS made of coated carbon steel with a 680 gallon separation chamber
- 68 cu.ft. of DynaPac PVC coalescing media with adjustable stainless steel weirs
- Integral oil reservoir and sludge hopper. Level switches on product and clean water sides.
- Vapor-tight aluminum lid assembly

Project Description

This 100 gpm OWS is installed at a petroleum pipeline terminal in Concord, CA, owned by one of the largest energy infrastructure companies in North America that is also the largest independent transporter of petroleum products in NA. The OWS is removing virtually all free and dispersed oil from wastewater and effluent contains less than 10 mg/l of oil droplets > than 30 microns with specific gravity of 0.9 or less at flow of 100 gpm.

