

Highlights

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

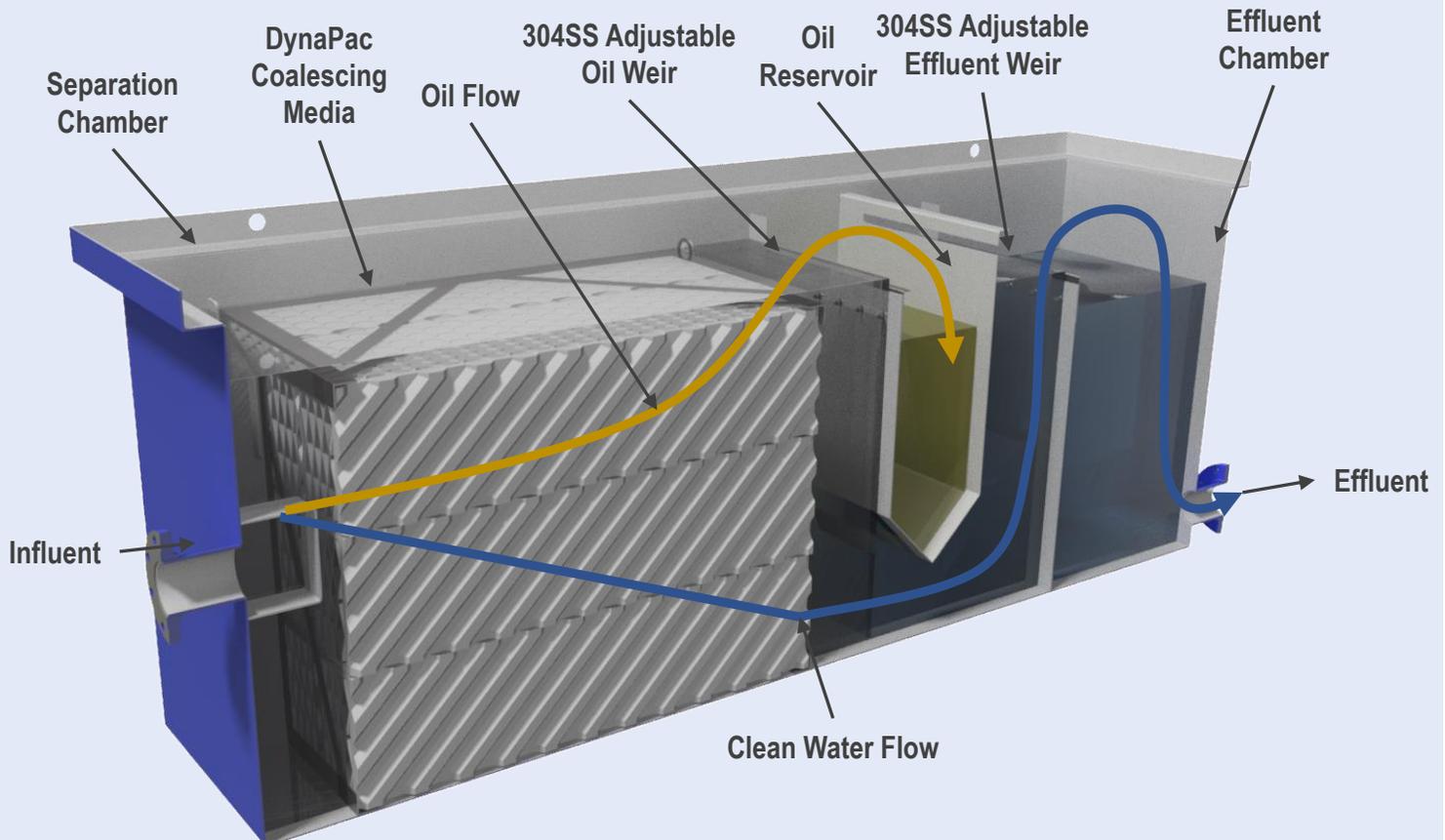


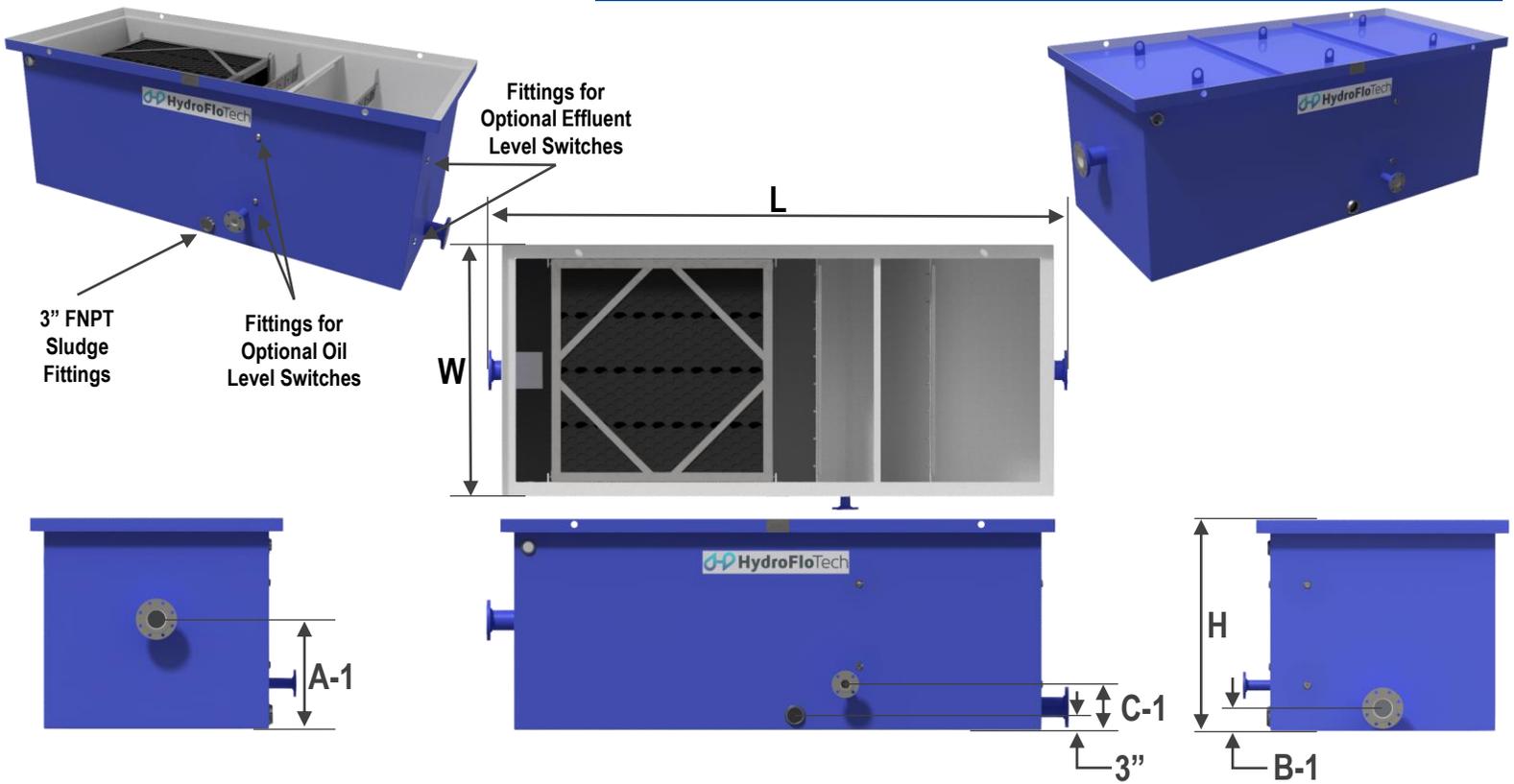
Standard Features

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

Options

- Sludge Hopper
- 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

TS 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	Total Separator	Influent	Effluent	Influent (A-1)	Effluent (B-1)	Oil (C-1)	L	W	H	
TS-036	3	4	3	50 - 150	53	807	6	4	25	7	12	116	56	48	8,756
TS-045	3	5	3	80 - 200	66	1,005	6	6	25	7	12	116	68	48	10,982
TS-054	3	6	3	100 - 300	79	1,201	6	6	25	7	12	116	80	48	13,067
TS-080	4	5	4	150 - 400	91	1,515	6	6	33	7	16	128	68	60	16,186
TS-096	4	6	4	160 - 500	109	1,812	8	8	33	8	16	128	80	60	19,213
TS-112	4	7	4	200 - 600	128	2,111	8	8	33	8	16	128	92	60	23,056
TS-180	6	6	5	225 - 660	140	2,774	8	8	41	8	20	152	80	72	28,761
TS-210	6	7	5	250 - 775	163	3,228	8	8	41	8	20	152	92	72	33,297
TS-240	6	8	5	300 - 900	186	3,684	10	10	41	10	20	152	104	72	37,925
TS-294	7	7	6	310 - 925	198	4,221	10	10	49	10	24	164	92	84	43,204
TS-336	7	8	6	350 - 1,075	226	4,815	10	10	49	10	24	164	104	84	48,758
TS-378	7	9	6	375 - 1,200	254	5,410	10	10	49	10	24	164	116	84	54,720
TS-448	8	8	7	400 - 1,250	267	6,076	12	12	57	11	28	176	104	96	60,924
TS-504	8	9	7	450 - 1,400	300	6,825	12	12	57	11	28	176	116	96	67,821
TS-560	8	10	7	500 - 1,550	333	7,575	12	12	57	11	28	176	128	96	75,176
TS-648	9	9	8	525 - 1,600	345	8,383	12	12	65	11	32	188	116	108	82,915
TS-720	9	10	8	600 - 1,800	383	9,304	14	14	65	12	32	188	128	108	91,596
TS-792	9	11	8	650 - 2,000	421	10,231	14	14	65	12	32	188	140	108	100,327



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.

