

LLS Series Oil/Water Separators



Features & Specifications

- Removal of free phase gasoline (0.75 SG) product to less than 10 ppm or less typical
- Solids collection sump with sludge drain
- Set up standard for pump out or gravity drain
- PVC coalescing media with 3/4" spacing for resistance to plugging from solids or oil & grease (optional 1/4" spacing media available for higher removal efficiencies)
- Full removable top cover with quick release latches for easy access to entire separator for cleaning
- PVC adjustable height skimmer with gravity drain outlet
- PVC site glass
- 2" PVC site glass with flange connections for easy removal
- Epoxy coating inside & out on all steel units with urethane top coat on exterior
- Clear-well for pumping directly from unit
- Stainless steel hermetically sealed float rod assembly (single or multiple floats for gravity or pump operation)
- All zinc plated steel hardware
- Neoprene D gasket on cover for vapor tight seal
- All Welded Steel construction, ASTM A-36 sheet steel, or Fiberglass re-reinforced plastic (FRP) construction on some models
- Removable media packs for cleaning and access to solids collection sump

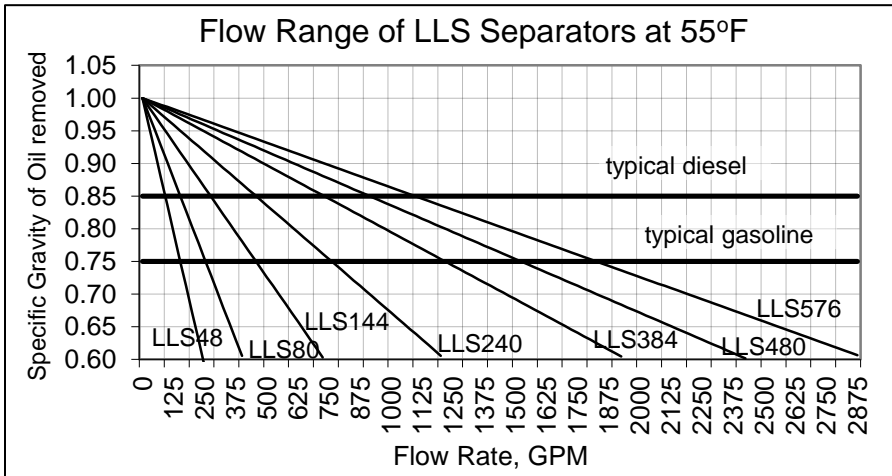
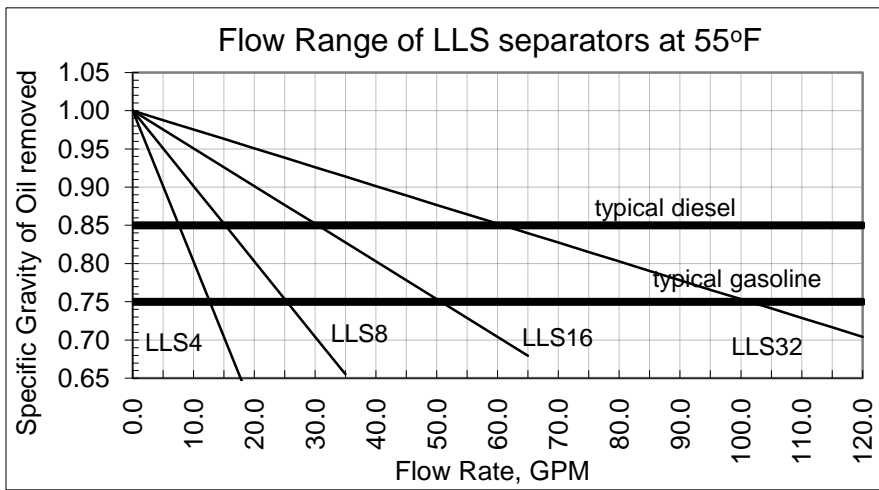
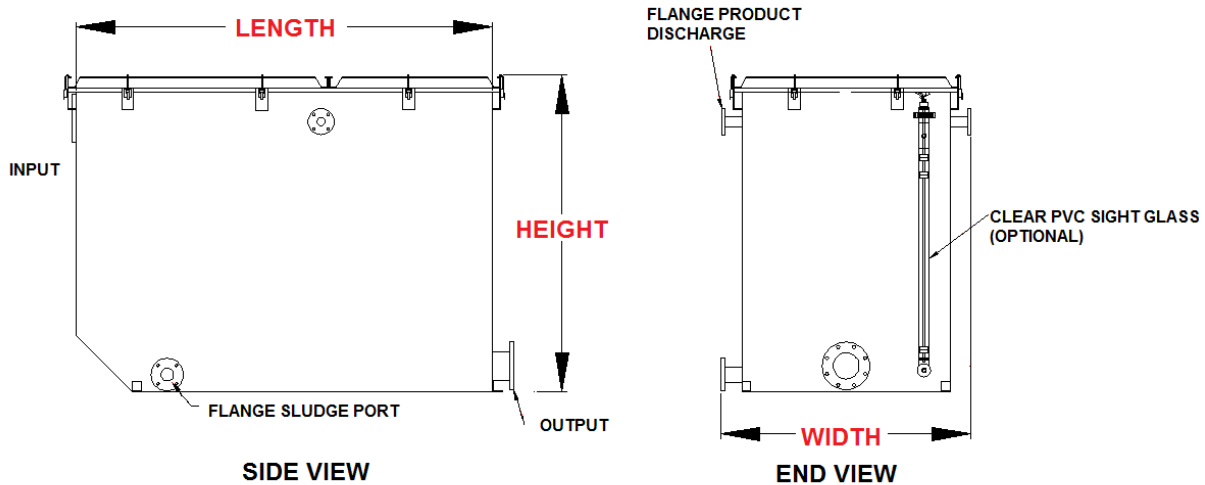


Applications

- Oil/Water separation
- Wastewater treatment
- Light non-aqueous phase product removal
- Free Phase product separation
- Oil & Grease separation
- Dense non-aqueous phase product removal
- Groundwater treatment
- Solid settling
- Mixed oil grease, product & solids

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Model Number	Inlet/Outlet Connection	Height In.	Length In.	Dim Width In.	Skimmer Outlet Dia. In.	Media Horizontal Surface Area Ft ²	GPM at 0.75 S.G. oil, 55°F (typical gasoline)	Shipping Weight Lbs.	Operating Weight Lbs.	Clearwell Volume Gallons	Standard Material
LLS4	2" FPT	34	60	28	2"	192	13	95	976	45	FRP
LLS8	2" FPT	47	60	28	2"	384	25	170	1,635	65	FRP
LLS16	3" FPT	47	64	52	2"	768	50	325	3,432	162	FRP
LLS32	4" FPT	47	92	52	2"	1536	100	445	5,292	195	FRP
LLS48	6" 150 lb flng	72	100	52	2"	2304	150	2,100	9,193	271	Steel
LLS80	6" 150 lb flng	72	124	52	2"	3840	250	2,650	12,134	271	Steel
LLS144	8" 150 lb flng	100	133	100	4"	6912	450	7,582	42,966	1,716	Steel
LLS240	10" 150 lb flng	100	166	100	4"	11520	760	9,100	52,125	1,716	Steel
LLS384	10" 150 lb flng	100	202	100	4"	18432	1200	9,627	57,172	1,716	Steel
LLS480	10" 150 lb flng	100	256	100	4"	23040	1500	13,057	82,356	2,145	Steel
LLS576	12" 150 lb flng	100	292	100	6"	27648	1800	14,260	90,000	2,544	Steel



Options

- Stainless steel construction
- Integral product storage sump with level switches
- Elevation stand for gravity drain
- Sludge pumps
- Flow, pressure, level & temperature gages or transmitters
- Immersion heaters, NEMA 4 or NEMA 7 for freeze protection
- 1/4" spaced PVC media for higher removal efficiencies
- Media racks to ease removal of media for cleaning
- 3/4" Polypropylene media in lieu of PVC
- R-5 insulation with jacket, (steel or aluminum jacket)
- Product storage drums and tanks, single or double wall, typical UL 142
- Oil reservoir trough for pumping product directly from skimmer with level switch(es)

Additional Photos

