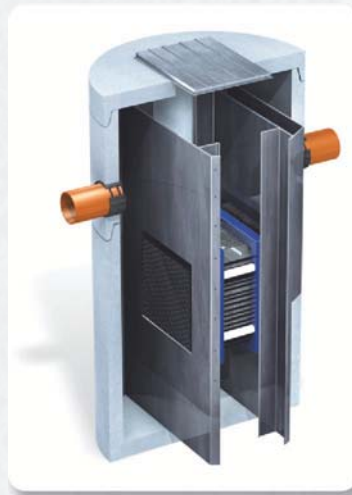
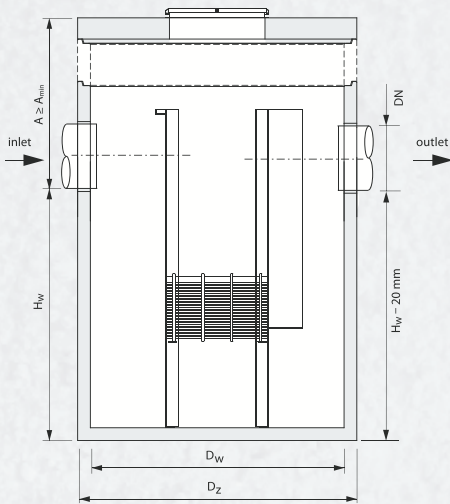


# HIGH EFFICIENCY LAMELLA SEPARATOR WITH SEDIMENT TRAP ESL-H



See working separators on our YouTube Channel  
<http://www.youtube.com/user/EcolUnicon>



High efficiency lamella separators ESL have been tested under supervision of Notified Body for nominal flow. They have the CE mark allowing the use in the European Union. ESL separators belong to class I separators according to EN 858.

Compliance with standard met by ESL is  $5 \text{ mg/dm}^3$  of light liquids on outlet for nominal flow  $Q_{\text{nom}}$ .

Model	$Q_{\text{nom}}$ (NS)	$Q_{\text{max}}$	Dimensions				Diameter of pipes DN	Capacity			Weight	
			$D_w$	$D_z$	$H_w$	$A_{\text{min}}^{*})$		total volume	oil storage volume	sediment trap volume	total	of the heaviest element
			[mm]	[mm]	[mm]	[mm]		[dm <sup>3</sup> ]	[dm <sup>3</sup> ]	[dm <sup>3</sup> ]	[kg]	[kg]
ESL-H 3/30/300	3	30	1200	1500	1490	1060	315	1650	150	1030	5400	3900
ESL-H 3/30/600	3	30	1200	1500	1490	1060	315	1650	150	1030	5400	3900
ESL-H 6/60/600	6	60	1200	1500	1490	1060	315	1650	150	1030	5400	3900
ESL-H 6/60/1200	6	60	1500	1800	1640	1210	315	2840	90	1200	7300	5200
ESL-H 10/100/1000	10	100	1500	1800	1710	1140	400	2970	150	1030	7300	5200
ESL-H 10/100/2000	10	100	2000	2300	1730	1090	400	5350	150	2010	10800	6300
ESL-H 15/150/1500	15	150	2000	2300	1620	950	400	5000	230	1520	8700	6800
ESL-H 15/150/3000	15	150	2500	2800	1780	1040	400	8610	230	3030	17600	6400
ESL-H 20/200/2000	20	200	2000	2300	1810	1010	500	5600	300	2020	10850	6300
ESL-H 20/200/4000 S	20	200	2500	2800	1860	1210	500	9010	300	4030	10600	6400
ESL-H 30/300/3000 S	30	300	2500	2800	1890	1180	500	9150	450	3090	10600	6400
ESL-H 30/300/6000 S	30	300	2500	2800	2600	1220	500	12640	450	6030	17600	6400
ESL-H 40/400/4000 S	40	400	2500	2800	2080	1240	500	10080	600	4010	11300	6400
ESL-H 40/400/8000 S	40	400	3000	3300	2650	1200	500	18560	600	8030	20800	8400
ESL-H 50/500/5000 S	50	500	3000	3300	2100	1000	600	14670	750	5050	15780	7500
ESL-H 50/500/10000 S	50	500	3000	3300	3090	1010	600	21670	750	10000	21700	10100

\*) Increasing the A value through the use of additional superstructure rings. Separators are designed for separating oil derivatives (light liquids) from stormwater. The separator is composed of monolithic tank made of C35/45 concrete with openings fitted with gaskets or tight passages, interior partitions made of HDPE installed inside and lamella packets. Tank is covered with circular ferroconcrete cover and manhole. Separator in the S-version is delivered in elements for assembly on site.