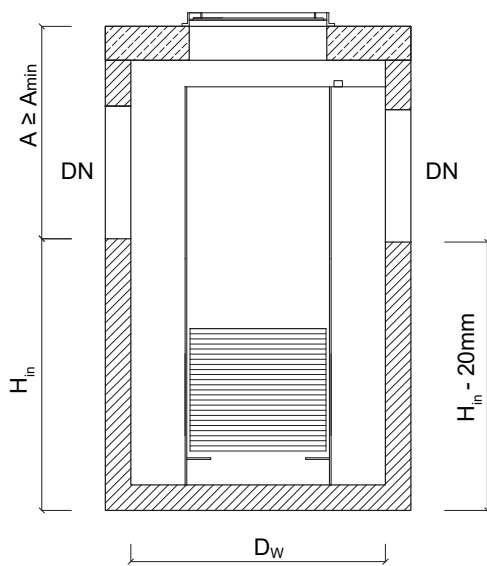


High-efficiency lamella separator ESL-Z



The technical specifications of each device series with technical description and possible modifications of the dimensions can be found at www.ecol-unicon.com

ESL-Z separators were tested for nominal and maximum flows and the results of the tests were confirmed by the Building Research Institute by issuing the National Technical Assessment ITB-KOT-2017/0212 edition 1. ESL-Z separators represent class I (according to EN 858-1), it also obtained CE mark allowing to be applied in all EU countries.

The chamber is made in accordance with Norm EN 1917 or National Technical Assessment ITB, concrete of class at least C35/45 waterproof $\geq W8$, with water absorption lower than 5%, frost resistant F150 in the water and F50 in 2% NaCl, stable for petroleum products in accordance with EN 858-1.



Model Q_{nom}/Q_{max}^*	Q_{nom} [dm ³ /s] (NS)	Q_{max} [dm ³ /s] (NS)	D_w [mm]	H_{in} [mm]	A_{min}^{**} [mm]	Diameter of inlet/outlet pipes DN [mm]	Actual capacity of sedimentary section [dm ³]	Oil storage volume [dm ³]	Weight of the heaviest element [kg]	Total weight [kg]
ESL-Z 1,5/15	1,5	15	1200	1220	830	max 400	180	150	2900	3700
ESL-Z 3/30	3	30	1200	1220	830	max 400	180	150	2900	3700
ESL-Z 6/60	6	60	1200	1220	830	max 400	180	150	2900	3700
ESL-Z 10/100	10	100	1200	1220	830	max 400	180	150	2900	3700
ESL-Z 15/150	15	150	1200	1530	1020	max 600	180	300	3600	4400
ESL-Z 20/200	20	200	1200	1530	1020	max 600	180	300	3600	4400
ESL-Z 30/300	30	300	1500	1600	1250	max 800	300	750	5600	6600
ESL-Z 40/400	40	400	1500	1600	1250	max 800	300	750	5600	6600
ESL-Z 50/500	50	500	1500	1600	1250	max 800	300	750	5600	6600
ESL-Z 60/600	60	600	2000	1510	1310	max 800	550	1200	7600	9300
ESL-Z 65/650	65	650	2000	1510	1310	max 800	550	1200	7600	9300
ESL-Z 70/700	70	700	2000	1510	1310	max 800	550	1200	7600	9300
ESL-Z 75/750	75	750	2000	1510	1310	max 800	550	1200	7600	9300
ESL-Z 80/800	80	800	2000	1510	1310	max 800	550	1200	7600	9300
ESL-Z 90/900 S	90	900	2500	1620	1700	max 1200	790	1950	6700	14300
ESL-Z 100/1000 S	100	1000	2500	1620	1700	max 1200	790	1950	6700	14300
ESL-Z 110/1100 S	110	1100	2500	1620	1700	max 1200	790	1950	6700	14300
ESL-Z 120/1200 S	120	1200	2500	1620	1700	max 1200	790	1950	6700	14300
ESL-Z 125/1250 S	125	1250	2500	1620	1700	max 1200	790	1950	6700	14300
ESL-Z 130/1300 S	130	1300	2500	1620	1700	max 1200	790	1950	6700	14300
ESL-Z 140/1400 S	140	1400	3000	1630	1720	max 1200	1070	2400	7200	18900
ESL-Z 150/1500 S	150	1500	3000	1630	1720	max 1200	1070	2400	7200	18900
ESL-Z 160/1600 S	160	1600	3000	1630	1720	max 1200	1070	2400	7200	18900
ESL-Z 170/1700 S	170	1700	3000	1810	1790	max 1200	1070	3150	7500	17200
ESL-Z 180/1800 S	180	1800	3000	1810	1790	max 1200	1070	3150	7500	17200
ESL-Z 190/1900 S	190	1900	3000	1810	1790	max 1200	1070	3150	7500	17200
ESL-Z 200/2000 S	200	2000	3000	1810	1790	max 1200	1070	3150	7500	17200
ESL-Z 210/2100 S	210	2100	3000	1810	1790	max 1200	1070	3150	7500	17200

*) Q_{nom} [dm³/s] (NS) – nominal flow value for which > 99% impurities is stopped (value obtained during the tests according to norm EN 858-1).

Q_{max} [dm³/s] – maximum hydraulic flow capacity of the device, at which there is no danger of flushing out accumulated dirt.

**) Increasing the A value through the use of additional superstructure rings.

S - devices delivered to the construction site in the elements.

Ecol-Unicon Company reserves the right to implement changes in equipment design without prior notice.

