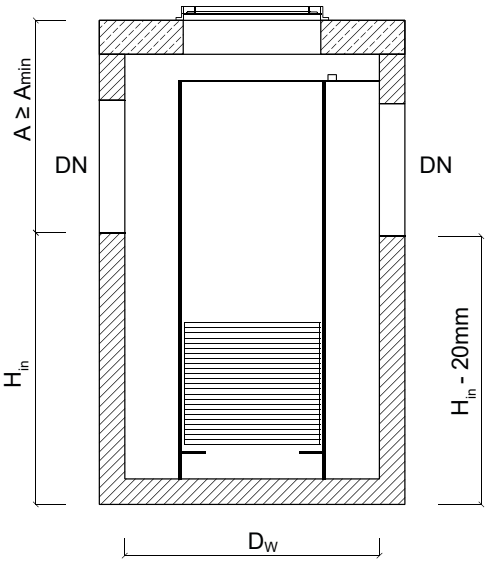
High-efficiency lamella separator ESL-Z



The technical specifications of each device series with technical description and possible modifi cations 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 3. 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 Assesment ITB, concrete of class at least C35/45 waterproof ≥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}* (NS)	Q_{max}*	D_w	H_w	A_{min}**	Diameter of intlet/ outlet pipes DN	Actual capacity of sedimentary section	Oil storage volume	Weight of the heaviest element	Total weight ***
	[dm³/s]	[dm³/s]	[mm]	[mm]	[mm]	[mm]	[dm³]	[dm³]	[kg]	[kg]
ESI -Z 1,5/15	1,5	15	1200	1220	830	max 400	180	150	2900	3700
ESI -Z 3/30	3	30	1200	1220	830	max 400	180	150	2900	3700
ESI -Z 6/60	6	60	1200	1220	830	max 400	180	150	2900	3700
ESI -Z 10/100	10	100	1200	1220	830	max 400	180	150	2900	3700
ESI -Z 15/150	15	150	1200	1530	1020	max 600	180	300	3700	4500
ESI -Z 20/200	20	200	1200	1530	1020	max 600	180	300	3700	4500
ESI -Z 30/300	30	300	1500	1600	1250	max 800	300	750	5800	6800
ESI -Z 40/400	40	400	1500	1600	1250	max 800	300	750	5800	6800
ESI -Z 50/500	50	500	1500	1600	1250	max 800	300	750	5800	6800
ESI -Z 60/600	60	600	2000	1510	1310	max 800	550	1200	7600	9300
ESI -Z 65/650	65	650	2000	1510	1310	max 800	550	1200	7600	9300
ESI -Z 70/700	70	700	2000	1510	1310	max 800	550	1200	7600	9300
ESI -Z 75/750	75	750	2000	1510	1310	max 800	550	1200	7600	9300
ESI -Z 80/800	80	800	2000	1510	1310	max 800	550	1200	7600	9300
ESI -Z 90/900 S	90	900	2500	1620	1700	max 1200	790	1950	6700	14300
ESI -Z 100/1000 S	100	1000	2500	1620	1700	max 1200	790	1950	6700	14300
ESI -Z 110/1100 S	110	1100	2500	1620	1700	max 1200	790	1950	6700	14300
ESI -Z 120/1200 S	120	1200	2500	1620	1700	max 1200	790	1950	6700	14300
ESI -Z 125/1250 S	125	1250	2500	1620	1700	max 1200	790	1950	6700	14300
ESI -Z 130/1300 S	130	1300	2500	1620	1700	max 1200	790	1950	6700	14300
ESI -Z 140/1400 S	140	1400	3000	1630	1720	max 1200	1070	2400	7200	18900
ESI -Z 150/1500 S	150	1500	3000	1630	1720	max 1200	1070	2400	7200	18900
ESI -Z 160/1600 S	160	1600	3000	1630	1720	max 1200	1070	2400	7200	18900
ESI -Z 170/1700 S	170	1700	3000	1810	1790	max 1200	1070	3150	7500	19800
ESI -Z 180/1800 S	180	1800	3000	1810	1790	max 1200	1070	3150	7500	19800
ESI -Z 190/1900 S	190	1900	3000	1810	1790	max 1200	1070	3150	7500	19800
ESI -Z 200/2000 S	200	2000	3000	1810	1790	max 1200	1070	3150	7500	19800
ESI -Z 210/2100 S	210	2100	3000	1810	1790	max 1200	1070	3150	7500	19800

*) Q_{nom}[dm³/s] (NS) – nominal fl ow value for which > 99% impurities is stopped (value obtained during the tests according to norm EN 858-1).
Q_{max} [dm³/s] – maximum hydrauli c fl ow capacity of the device, at which there is no danger of fl ushing out accumulated dirt.
**) Increasing the A value through the use of additional superstructure rings
***) The weights indicated apply to devices without additional superstructure rings; for devices delivered to the construction site in parts (S), the weight does not include the tonnage of technological equipment. The final weight will be determined before delivery of the device.
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.
The separator can be designed according to individual customer needs. Larger models are available upon individual request.
Technical consultations: export@ecol-unicon.com