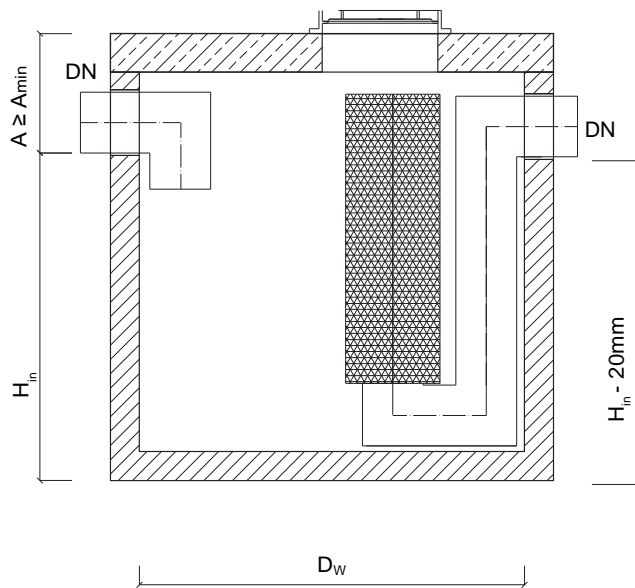


High-efficiency coalescence separator ESK



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

ESK 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. ESK 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}^*	Przepust Q_{nom} [dm ³ /s] (NS)	Średnica D_w [mm]	H_{in} [mm]	A_{min}^{**} [mm]	Diameter of inlet/outlet pipes DN [mm]	Oil storage volume [dm ³]	Weight of the heaviest element [kg]	Total weight [kg]
ESK 1,5	1,5	1000	730	540	160	180	1400	1900
ESK 3	3	1000	730	540	160	180	1400	1900
ESK 6	6	1000	730	540	160	180	1400	1900
ESK 10	10	1000	730	540	160	180	1400	1900
ESK 15	15	1200	950	600	200	480	2200	2900
ESK 20	20	1200	950	600	200	480	2200	2900
ESK 30	30	1500	1200	650	315	970	3900	5100
ESK 40	40	1500	1200	650	315	970	3900	5100
ESK 50	50	2000	1700	620	315	1900	6300	8200
ESK 60	60	2000	1700	620	315	1900	6300	8200
ESK 65	65	2000	1700	620	315	1900	6300	8200
ESK 70	70	2000	1700	620	315	1900	6300	8200
ESK 80	80	2000	1700	620	315	1900	6300	8200
ESK 90	90	2000	1700	620	315	1900	6300	8200
ESK 100	100	2000	1700	620	315	1900	6300	8200
ESK 110 S	110	2500	1950	870	400	3870	5000	12500
ESK 120 S	120	2500	1950	870	400	3870	5000	12500
ESK 125 S	125	2500	1950	870	400	3870	5000	12500
ESK 130 S	130	2500	1950	870	400	3870	5000	12500
ESK 140 S	140	2500	1950	870	400	3870	5000	12500
ESK 150 S	150	2500	1950	870	400	3870	5000	12500
ESK 160 S	160	2500	1950	870	400	3870	5000	12500
ESK 170 S	170	2500	1950	870	400	3870	5000	12500
ESK 180 S	180	2500	1950	870	400	3870	5000	12500
ESK 190 S	190	2500	1950	870	400	3870	5000	12500
ESK 200 S	200	2500	1950	870	400	3870	5000	12500

* Q_{nom} [dm³/s] (NS) – nominal flow of the device, at which retention of oil is > 99 % (value obtained during the tests of the device according to norm EN 858-1).

** 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.