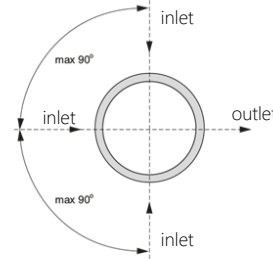
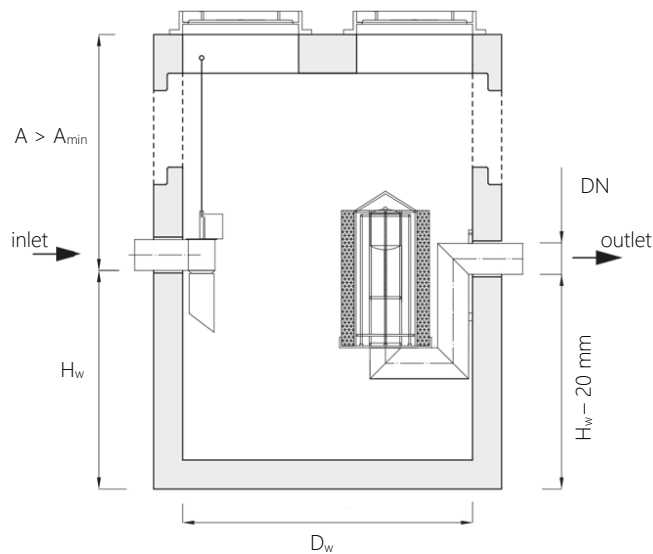


High-efficiency coalescence separator with inflow closure and settling tank



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-EH separators were tested for nominal flows and the results of the tests were confirmed by the Notified Body.

ESK-EH separators represent class I (according to EN 858), it also obtained CE mark allowing to be applied in all EU countries.

The chamber is made in accordance with Norm EN from concrete of class at least C35/45 waterproof $\geq W8$, with water absorption lower than 5%, frost resistant F-150 in the water and F50 in 2% NaCl, stable for petroleum products in accordance with EN 858-1.

The separator can be designed according to individual customer needs.

Technical consultations: export@ecol-unicon.com

Model Q_{nom}/V_{os}^*	Q_{nom} (NS) [dm ³ /s]	Dimensions			Diameter of pipes DN [mm]	Actual capacity sedimentary section [dm ³]	Oil storage volume [dm ³]	Total weight [kg]	Weight of the heaviest element [kg]
		D_w [mm]	H_w [mm]	A_{min}^{**} [mm]					
ESK-EH 1,5/150	1,5	1000	730	1040	160	160	180	1800	2200
ESK-EH 1,5/300	1,5	1000	1030	990	160	380	180	2100	2500
ESK-EH 3/300	3	1000	1030	990	160	380	180	2100	2500
ESK-EH 3/600	3	1200	1080	1200	160	630	260	3200	3800
ESK-EH 3/900	3	1500	1130	950	160	1000	410	4100	5100
ESK-EH 3/2500	3	2000	1390	1180	160	2670	750	7000	8700
ESK-EH 6/600	6	1200	1080	1200	160	630	260	3200	3800
ESK-EH 6/1200	6	1500	1230	1120	160	1240	410	4900	5900
ESK-EH 6/2500	6	2000	1390	1180	160	2670	750	7000	8700
ESK-EH 6/5000	6	2500	1600	970	160	5200	1180	8800	11800
ESK-EH 10/1000	10	1500	1130	1150	160	1070	410	4500	5500
ESK-EH 10/2000	10	2000	1230	1090	160	2200	750	6400	8100
ESK-EH 10/5000	10	2500	1600	970	160	5200	1180	8800	11800
ESK-EH 15/1500	15	2000	1200	1120	200	1580	1400	8200	6400
ESK-EH 15/3000	15	2000	1700	1120	200	3150	1400	9400	7600
ESK-EH 20/2000	20	2000	1400	1170	200	2200	1400	8800	7000
ESK-EH 20/4000	20	2500	1600	1220	200	4370	2200	12400	60000

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

V_{os} [dm³] – capacity of the sedimentary section

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

