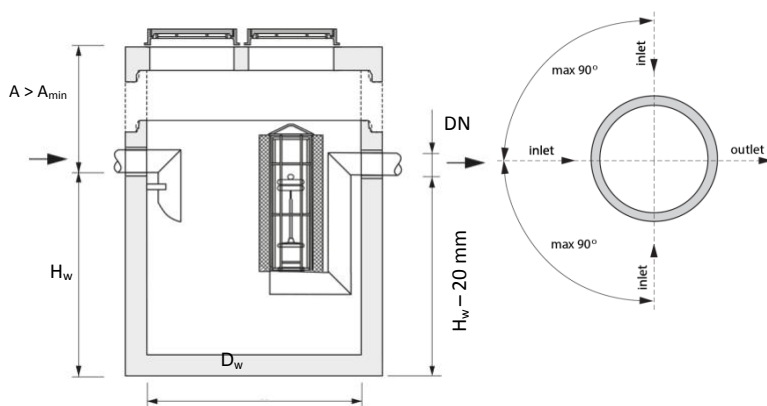


SPECIFICATION SHEET | ESK-H

High-efficiency coalescence separator with 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-H separators were tested for nominal flows of the devices and results confirmed by a notified body. ESK-H represents class I separator (acc. to PN-EN 858), it also obtained CE mark allowing to be applied in all EU countries.

Each one of the ESK-H separators can be manufactured according to given series range in a PE-HD plastic or polymer concrete wells. PE-HD wells are produced in SN2, SN4 and SN8 stiffness classes [kN/m^2] acc. to PN-EN ISO 9969:2008.

The separator can be designed according to individual customer needs. Greater models on demand.

Model Q_{nom}/V_{os}^*	Q_{nom} (NS)	Dimensions			Diameter of pipes DN	Actual capacity sedimentary section	Oil storage volume	Total weight	Weight of the heaviest element
		D_w	H_w	A_{min}^{**}					
	[dm^3/s]	[mm]	[mm]	[mm]	[mm]	[dm^3]	[dm^3]	[kg]	[kg]
ESK-H 1,5/150	1,5	1000	730	540	160	160	180	1900	1400
ESK-H 1,5/300	1,5	1000	1030	740	160	380	180	2400	1400
ESK-H 3/300	3	1000	1030	740	160	380	180	2400	1400
ESK-H 3/600	3	1200	1080	720	160	630	260	3400	2600
ESK-H 3/2500	3	2000	1390	680	160	2670	750	7600	5800
ESK-H 6/600	6	1200	1080	720	160	630	260	3400	2600
ESK-H 6/1200	6	1500	1230	620	160	1240	410	4800	3800
ESK-H 6/2500	6	2000	1390	680	160	2670	750	7600	5800
ESK-H 6/5000	6	2500	1600	720	160	5200	1180	11200	8200
ESK-H 10/1000	10	1500	1130	720	160	1070	410	4800	3800
ESK-H 10/2000	10	2000	1230	590	160	2200	750	7000	5200
ESK-H 10/5000	10	2500	1600	720	160	5200	1180	11200	8200
ESK-H 15/1500	15	2000	1200	620	200	1580	1400	7000	5200
ESK-H 15/3000	15	2000	1700	620	200	3150	1400	8200	6400
ESK-H 20/2000	20	2000	1400	920	200	2200	1400	8200	6400
ESK-H 20/4000	20	2500	1600	720	200	4370	2200	10900	7900
ESK-H 30/3000	30	2000	1850	970	315	3150	1800	9500	7700
ESK-H 30/6000 S	30	2500	2120	700	315	6240	2900	9800	5400
ESK-H 40/4000	40	2500	1700	620	315	4180	2900	8300	8200
ESK-H 40/8000 S	40	3000	2030	820	315	8350	4800	16900	6400
ESK-H 50/5000 S	50	3000	2080	750	315	5310	4460	16900	6400
ESK-H 50/10000 S	50	3000	2800	800	315	10250	4460	19600	8200
ESK-H 60/6000 S	60	3000	2210	890	315	6120	4460	17800	8200
ESK-H 65/6500 S	65	3000	2310	790	315	6820	4460	17800	8200
ESK-H 70/7000 S	70	3000	2350	750	315	7110	4460	17800	8200
ESK-H 80/8000 S	80	3000	2530	820	315	8380	4460	18700	8200
ESK-H 90/9000 S	90	3000	2640	710	315	9150	4460	18700	7300
ESK-H 100/10000 S	100	3000	2800	800	315	10250	4460	19600	8200

*) Q_{nom} [dm^3/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} [dm^3] – capacity of the sedimentary section.

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

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

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