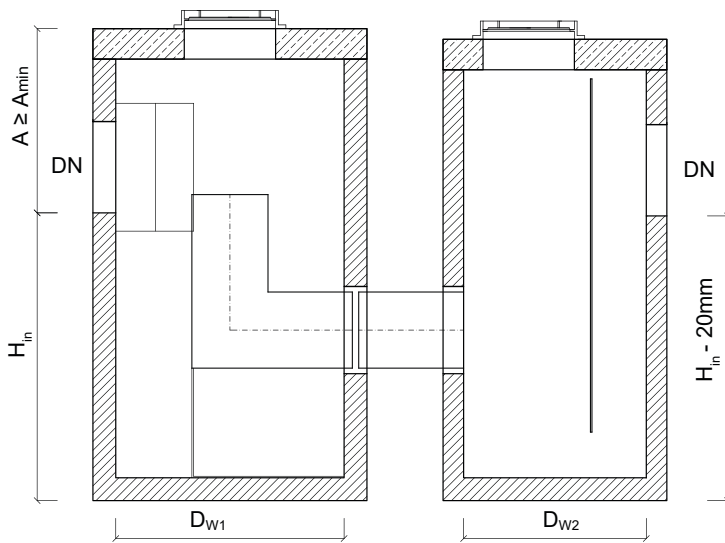


Vortex settling tanks EOW-2



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

EOW-2 vortex settling tanks 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 D_w/V_{cz}^*	Q_{nom} (NS)	Q_{max} (NS)	D_{w1}	D_{w2}	H_w	A_{min}^{**}	Diameter of inlet/ outlet pipes DN	Sediment trap volume V_{os}	Oil storage volume	Allowable sediment trap volume	Permi- ssable oil layer thickness	Weight of the heaviest element	Total Weight ***
	[dm^3/s]	[dm^3/s]	[mm]	[mm]	[mm]	[mm]							
EOW-2 3/30	3	30	1000	1000	900	870	max 400	580	350	580	200	1900	4700
EOW-2 6/60	6	60	1000	1000	900	870	max 400	580	350	580	200	1900	4700
EOW-2 10/100	10	100	1200	1000	1710	1090	max 500	1750	790	1320	200	4000	8100
EOW-2 15/150	15	150	1200	1000	1710	1090	max 500	1750	790	880	200	4000	8100
EOW-2 20/200	20	200	1200	1000	1710	1090	max 500	1750	790	660	200	4000	8100
EOW-2 30/300	30	300	1500	1200	1640	1210	max 600	2610	970	620	200	5800	11700
EOW-2 35/350 S	35	350	1500	1200	1890	1210	max 600	3050	1180	620	200	4000	12600
EOW-2 40/400	40	400	2000	1200	1550	1270	max 700	4340	900	620	200	7600	14300
EOW-2 50/500	50	500	2000	1200	1550	1270	max 700	4340	900	490	200	7600	14300
EOW-2 60/600 S	60	600	2000	1500	1990	1580	max 800	5720	960	710	200	5100	19500
EOW-2 65/650 S	65	650	2000	1500	1990	1580	max 800	5720	960	650	200	5100	19500
EOW-2 70/700	70	700	2500	1500	1490	1330	max 800	6490	1100	460	200	9500	19700
EOW-2 75/750	75	750	2500	1500	1490	1330	max 800	6490	1100	430	200	9500	19700
EOW-2 80/800 S	80	800	2500	1500	1940	1630	max 900	8700	1680	650	200	6500	23100
EOW-2 90/900 S	90	900	2500	1500	1940	1630	max 900	8700	1680	580	200	6500	23100
EOW-2 100/1000 S	100	1000	2500	1500	1940	1630	max 900	8700	1680	520	200	6500	23100
EOW-2 110/1100 S	110	1100	3000	2000	1870	1730	max 1000	12020	2600	570	200	8300	31100
EOW-2 120/1200 S	120	1200	3000	2000	1870	1730	max 1000	12020	2600	520	200	8300	31100
EOW-2 125/1250 S	125	1250	3000	2000	1870	1730	max 1000	12020	2600	500	200	8300	31100
EOW-2 130/1300 S	130	1300	3000	2000	1870	1730	max 1000	12020	2600	480	200	8300	31100
EOW-2 140/1400 S	140	1400	3000	2000	2140	1960	max 1200	13930	3230	740	200	9300	34300
EOW-2 150/1500 S	150	1500	3000	2000	2140	1960	max 1200	13930	3230	700	200	9300	34300
EOW-2 160/1600 S	160	1600	3000	2000	2140	1960	max 1200	13930	3230	650	200	9300	34300

*) Q_{nom} (80%) [dm^3/s] (NS) - nominal flow value for the settling efficiency of 80%.
 Q_{max} [dm^3/s] - maximum hydraulic flow capacity of the device, at which there is no danger of flowing out accumulated dirt.
 V_{os} [dm^3] - capacity of the sedimentary section.

**) 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 settling tanks can be designed according to individual customer needs. Larger models are available upon individual request.

Technical consultations: export@ecol-unicon.com