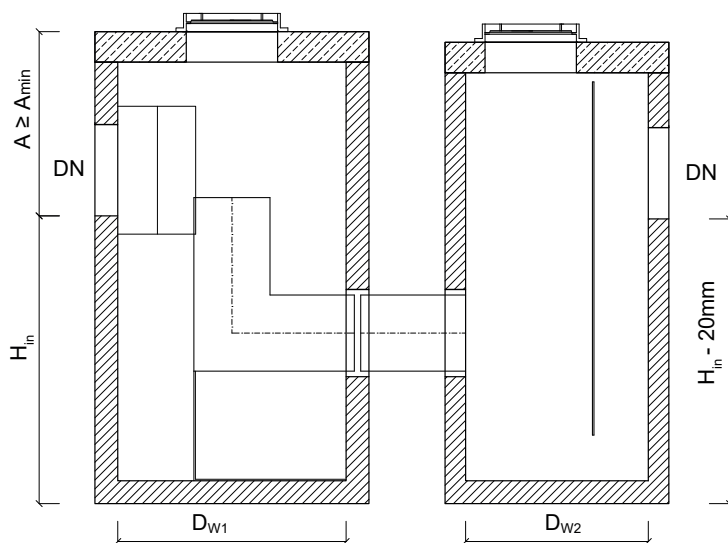


Vortex settling tanks EOW-2



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 has the AT / 2015- approval 08-0378.

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 $Q_{nom} (80\%) / Q_{max}^*$	Q_{nom} [dm ³ /s] (NS)	Q_{max} [dm ³ /s] (NS)	D_{w1} [mm]	D_{w2} [mm]	H_{in} [mm]	A_{min}^{**} [mm]	Diameter of inlet/outlet pipes DN [mm]	Sediment trap volume [dm ³]	Oil storage volume [dm ³]	Allowable sediment trap volume [cm]	Permissible oil layer thickness [cm]	Weight of the heaviest element [kg]	Total weight [kg]
EOW-2 3/30	3	30	1000	1000	900	870	max 400	580	350	58	20	1900	4700
EOW-2 6/60	6	60	1000	1000	900	870	max 400	580	350	58	20	1900	4700
EOW-2 10/100	10	100	1200	1000	1710	1090	max 500	1750	790	132	20	4000	8100
EOW-2 15/150	15	150	1200	1000	1710	1090	max 500	1750	790	88	20	4000	8100
EOW-2 20/200	20	200	1200	1000	1710	1090	max 500	1750	790	66	20	4000	8100
EOW-2 25/250 S	25	250	1200	1200	2100	950	max 500	2190	1350	66	20	2200	10100
EOW-2 30/300	30	300	1500	1200	1640	1210	max 600	2610	970	62	20	5800	11700
EOW-2 35/350 S	35	350	1500	1200	1890	1210	max 600	3050	1180	62	20	4000	12600
EOW-2 40/400	40	400	2000	1200	1550	1270	max 700	4340	900	62	20	7600	14300
EOW-2 50/500	50	500	2000	1200	1550	1270	max 700	4340	900	49	20	7600	14300
EOW-2 60/600 S	60	600	2000	1500	1990	1580	max 800	5720	960	71	20	5100	19500
EOW-2 65/650 S	65	650	2000	1500	1990	1580	max 800	5720	960	65	20	5100	19500
EOW-2 70/700	70	700	2500	1500	1490	1330	max 800	6490	1100	46	20	9500	19700
EOW-2 75/750	75	750	2500	1500	1490	1330	max 800	6490	1100	43	20	9500	19700
EOW-2 80/800 S	80	800	2500	1500	1940	1630	max 900	8700	1680	65	20	6500	23100
EOW-2 90/900 S	90	900	2500	1500	1940	1630	max 900	8700	1680	58	20	6500	23100
EOW-2 100/1000 S	100	1000	2500	1500	1940	1630	max 900	8700	1680	52	20	6500	23100
EOW-2 110/1100 S	110	1100	3000	2000	1870	1730	max 1000	12020	2600	57	20	8300	31100
EOW-2 120/1200 S	120	1200	3000	2000	1870	1730	max 1000	12020	2600	52	20	8300	31100
EOW-2 125/1250 S	125	1250	3000	2000	1870	1730	max 1000	12020	2600	50	20	8300	31100
EOW-2 130/1300 S	130	1300	3000	2000	1870	1730	max 1000	12020	2600	48	20	8300	31100
EOW-2 140/1400 S	140	1400	3000	2000	2140	1960	max 1200	13930	3230	74	20	9300	34300
EOW-2 150/1500 S	150	1500	3000	2000	2140	1960	max 1200	13930	3230	70	20	9300	34300
EOW-2 160/1600 S	160	1600	3000	2000	2140	1960	max 1200	13930	3230	65	20	9300	34300
EOW-2 300/3000 S	300	3000	4600	2500	3570	2480	max 1400	54850	9570	76	20	14100	103200
EOW-2 360/3600 S	360	3600	5000	3000	3570	2480	max 1400	67650	13260	63	20	16200	114100
EOW-2 480/4800 S	480	4800	5600	3000	3570	2480	max 1600	88440	13260	63	20	19500	131700
EOW-2 560/5600 S	560	5600	6000	3000	3570	2480	max 1600	103950	13260	54	20	21900	142200

*) $Q_{nom} (80\%) [dm^3/s] (NS)$ - 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 flushing out accumulated dirt.

***) 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.