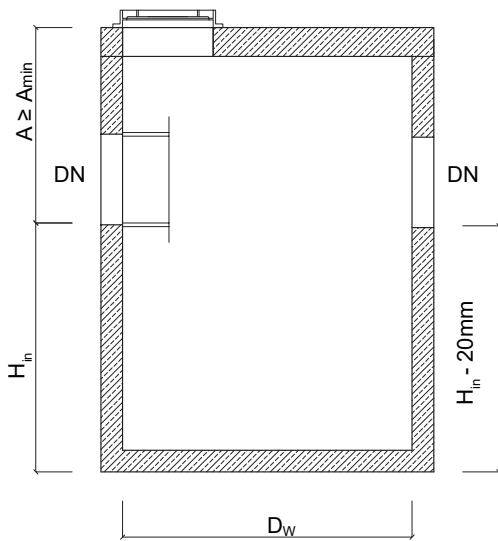


Horizontal settling tanks OS-O



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

OS-O settling tanks has the AT / 2015- approval 08-0231 / A2.

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 D_w / V_{cz}^*	D_w [mm]	Area A_p [m ²]	Active volume V_{cz} [m ³]	H_{in} [mm]	A_{min}^{**} [mm]	Diameter of pipes DN [mm]	Sediment layer thickness [cm]	Total weight [kg]
OS-O 1200 / 1,0	1200	1,13	1,0	1050	1250	max 600	44	3750
OS-O 1200 / 1,5	1200	1,13	1,5	1500	1300	max 600	66	4340
OS-O 1200 / 2,0	1200	1,13	2,0	1940	1110	max 600	88	5030
OS-O 1500 / 2,0	1500	1,77	2,0	1300	1300	max 800	56	6300
OS-O 1500 / 2,5	1500	1,77	2,5	1590	1260	max 800	71	6770
OS-O 1500 / 3,0	1500	1,77	3,0	1870	1410	max 800	85	7250
OS-O 2000 / 3,0	2000	3,14	3,0	1130	1690	max 1000	48	8880
OS-O 2000 / 3,5	2000	3,14	3,5	1290	1530	max 1000	56	9520
OS-O 2000 / 4,0	2000	3,14	4,0	1450	1370	max 1000	64	10130
OS-O 2000 / 5,0	2000	3,14	5,0	1770	1550	max 1000	80	10750
OS-O 2000 / 6,0	2000	3,14	6,0	2080	1490	max 1000	95	11370
OS-O 2000 / 7,0	2000	3,14	7,0	2400	1420	max 1000	111	12000
OS-O 2000 / 7,5	2000	3,14	7,5	2560	1510	max 1000	119	12610
OS-O 2000 / 8,0	2000	3,14	8,0	2720	1350	max 1000	127	13240
OS-O 2500 / 5,0	2500	4,91	5,0	1190	1880	max 1200	51	12840
OS-O 2500 / 6,0	2500	4,91	6,0	1400	1670	max 1200	61	13600
OS-O 2500 / 7,0	2500	4,91	7,0	1600	1720	max 1200	71	14360
OS-O 2500 / 7,5	2500	4,91	7,5	1700	1870	max 1200	76	15130
OS-O 2500 / 8,0	2500	4,91	8,0	1810	1760	max 1200	82	15130
OS-O 2500 / 9,0	2500	4,91	9,0	2020	1800	max 1200	92	15890
OS-O 2500 / 10,0	2500	4,91	10,0	2230	1840	max 1200	103	16650
OS-O 2500 / 11,0	2500	4,91	11,0	2450	1660	max 1200	114	17420
OS-O 2500 / 12,0	2500	4,91	12,0	2640	1680	max 1200	123	17420
OS-O 2500 / 12,5	2500	4,91	12,5	2720	1850	max 1200	127	18180
OS-O 2500 / 13,0	2500	4,91	13,0	2840	1730	max 1200	133	18180
OS-O 3000 / 10,0	3000	7,07	10,0	1590	1760	max 1500	71	20570
OS-O 3000 / 11,0	3000	7,07	11,0	1730	1870	max 1500	78	21480
OS-O 3000 / 12,0	3000	7,07	12,0	1870	1730	max 1500	85	21480
OS-O 3000 / 12,5	3000	7,07	12,5	1940	1910	max 1500	88	22370
OS-O 3000 / 13,0	3000	7,07	13,0	2010	1840	max 1500	92	22370
OS-O 3000 / 14,0	3000	7,07	14,0	2160	1690	max 1500	99	23280
OS-O 3000 / 15,0	3000	7,07	15,0	2300	1800	max 1500	106	24190
OS-O 3000 / 16,0	3000	7,07	16,0	2440	1910	max 1500	113	24190
OS-O 3000 / 17,0	3000	7,07	17,0	2580	1770	max 1500	120	25080
OS-O 3000 / 18,0	3000	7,07	18,0	2720	1880	max 1500	127	25080
OS-O 3000 / 19,0	3000	7,07	19,0	2860	1740	max 1500	134	26900
OS-O 3000 / 20,0	3000	7,07	20,0	3000	1850	max 1500	141	26900
OS-O 3000 / 22,5	3000	7,07	22,5	3360	1740	max 1500	159	27790
OS-O 3000 / 25,0	3000	7,07	25,0	3710	1890	max 1500	177	28700
OS-O 3000 / 27,5	3000	7,07	27,5	4070	1780	max 1500	195	30500
OS-O 3000 / 30,0	3000	7,07	30,0	4420	1680	max 1500	212	32320

*) D_w [mm] - inner diameter clarifier.

V_{cz} [m³] - the active volume of the settler.

**) Increasing the value of A_{min} through the use of additional superstructure rings. For a pipe with a diameter smaller than the maximum diameter DN.

A_{min} value may be smaller. Increasing the size H_w reduces by a certain dimension of A .

Ecol-Unicon Company reserves the right to implement changes in equipment design without prior notice.

