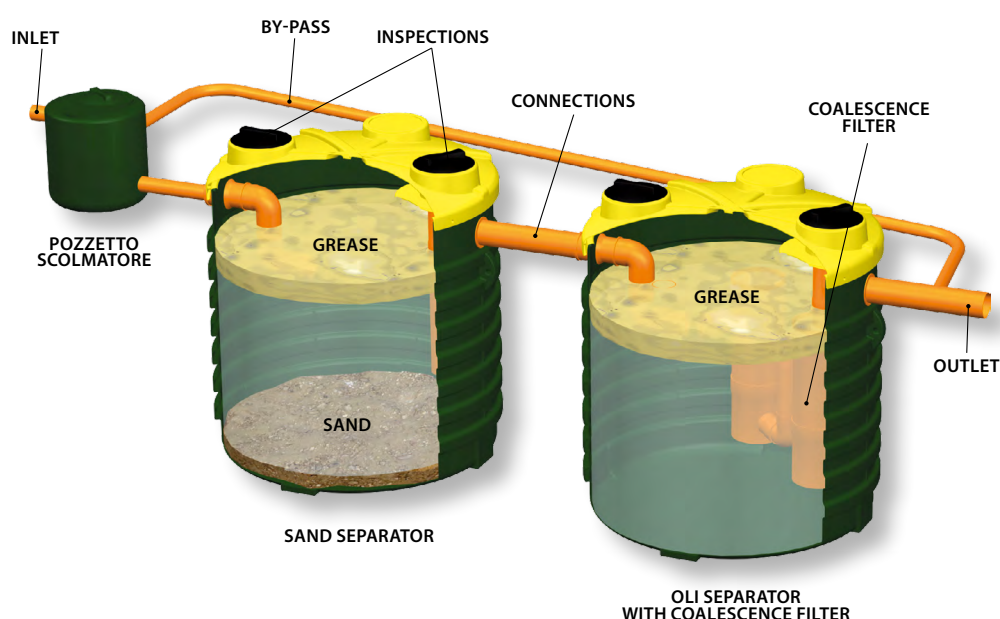


First rain water continuous treatment plants with by-pass

Technical specifications

Supply of a first rain water treatment installation type EMS WATER TECHNOLOGY seriea IPC/PE, for first rain water treatment with by-pass, composed of three high density linear rotomoulded polyethylene tanks: spillway, sand separation and oil separation with coalesce filter. Two threated PVC manholes are located in the upper end for inspection, discharge and cleaning purposes.



			IPC/PE 270	IPC/PE 360	IPC/PE 540	IPC/PE 720	IPC/PE 1350	IPC/PE 1800	IPC/PE 2700	IPC/PE 3600	IPC/PE 5400	IPC/PE 7200
Waterproofed surface		m ²	270	360	540	720	1350	1800	2700	3600	5400	7200
Design flow		l/s	1,5	2	3	4	7,5	10	15	20	30	40
Total useful volume		l	1724	2244	2222	2742	4214	4892	6026	7728	10766	13804
Max sand collection volume		l	150	200	300	400	860	1000	1500	2000	3000	4000
Oils storage volume		l	26,5	35,3	53	70,6	152	176,5	225	300	450	600
Spillway	Ø	mm	790	790	790	790	790	790	790	790	790	1160
	H	mm	790	790	790	790	790	790	790	790	790	1140
	Ø pipes E/U	mm	125	125	125	125	125	125	200	200	200	250
Sand separator	Ø	mm	1150	1150	1150	1150	1710	1710	1710	1710	2250	2250
	H	mm	1220	1220	1720	1720	1350	1625	1855	2125	2367	2625
	Ø pipes E/U	mm	125	125	125	125	125	125	200	200	200	250
Oli separator with coalescence filter	Ø	mm	1150	1150	1150	1150	1710	1710	1710	1710	2250	2250
	H	mm	1220	1720	1220	1720	1350	1625	1855	2125	2367	2625
	Ø pipes E/U	mm	125	125	125	125	125	125	200	200	200	250
Plant total dimensions	Lenght	m	4,3	4,3	4,3	4,3	5,4	5,4	5,4	5,4	6,8	6,8
	Width	m	1,3	1,3	1,3	1,3	1,9	1,9	1,9	1,9	2,4	2,4