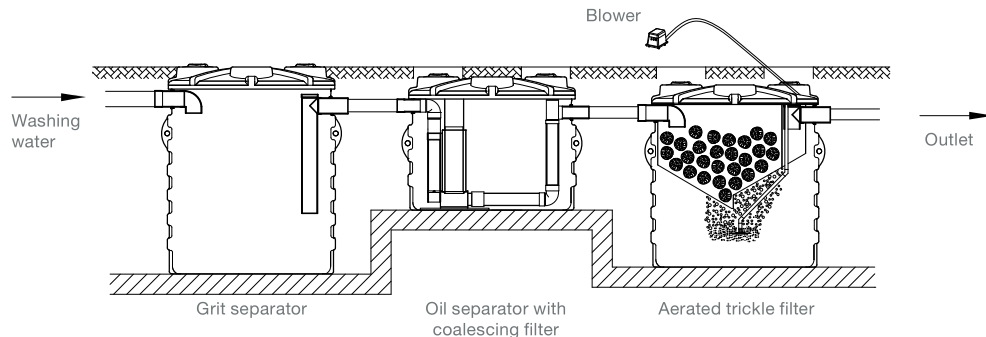


PLANTS FOR CAR WASHES



Item	Sizing			Plant composition											
	Cars/ day n°	Hydraulic load l/day	Max Q l/h	Grit separator				Oil separator			Aerated trickle filter				
				Model	Ø mm	H mm	V tot l	Model	Ø mm	H mm	Model	Ø mm	H mm	V tot l	
DEPAUTO10PF	0-10	2000	400	NDD1500	1150	1720	1193	NDOFC1000 1,5 l/s	1150	1220	NANA1000	1150	1220	850	
DEPAUTO20PF	11-20	4000	400	NDD2600	1710	1450	1971	NDOFC1000 1,5 l/s	1150	1220	NANA1500	1150	1720	1268	
DEPAUTO30PF	21-30	6000	600	NDD2600	1710	1450	1971	NDOFC1500 2 l/s	1150	1720	NANA2100	1350	1975	1950	
DEPAUTO40PF	31-40	8000	800	NDD3200	1710	1725	2435	NDOFC1000 3 l/s	1150	1220	NANA2100	1350	1975	1950	
DEPAUTO50PF	41-50	10000	1200	NDD3800	1710	1955	3026	NDOFC1500 4 l/s	1150	1720	NANA3200	1710	1725	2525	
DEPAUTO60PF	51-60	12000	1500	NDD4600	1710	2225	3510	NDOFC2600 7,5 l/s	1710	1450	NANA3200	1710	1725	2525	
DEPAUTO80PF	61-80	16000	2200	NDD6400	1950	2530	4862	NDOFC2600 7,5 l/s	1710	1450	NANA3800	1710	1955	3104	
DEPAUTO100PF	81-100	20000	3000	NDD7000	2250	2367	6711	NDOFC2600 7,5 l/s	1710	1450	NANA4600	1710	2225	3835	

TREATMENT EFFICIENCY

The treatment plant for car washes made up of a grit separator, an oil separator with coalescing filter and an aerated trickle filter (installed as shown above) ensures that the concentrations of the final effluent are:

≤200 mg/l
SS

≤10 mg/l
Total Hydrocarbons

≤4 mg/l
Total surfactants