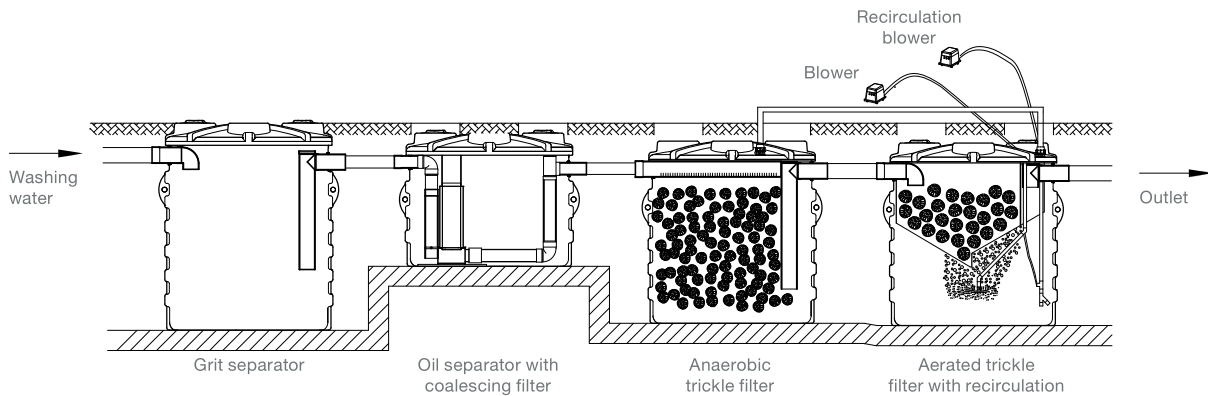


PLANTS FOR CAR WASHES



Item	Sizing			Plant composition															
	Cars/day n°	Hydraulic load l/day	Max Q l/h	Grit separator				Oil separator			Anaerobic trickle filter				Aerated trickle filter with sludge recirculation				
				Model	Ø mm	H mm	V tot l	Model	Ø mm	H mm	Model	Ø mm	H mm	V tot l	Model	Ø mm	H mm	V tot l	
DEPAUTO10	0-10	2000	400	NDD1500	1150	1720	1193	NDOFC1000	1,5 l/s	1150	1220	NAN1000R	1150	1220	850	NANAR1000	1150	1220	850
DEPAUTO20	11-20	4000	400	NDD2600	1710	1450	1971	NDOFC1000	1,5 l/s	1150	1220	NAN1500R	1150	1720	1268	NANAR1500	1150	1720	1268
DEPAUTO30	21-30	6000	600	NDD2600	1710	1450	1971	NDOFC1500	2 l/s	1150	1720	NAN1500R	1150	1720	1268	NANAR2600	1710	1450	1971
DEPAUTO40	31-40	8000	800	NDD3200	1710	1725	2435	NDOFC1000	3 l/s	1150	1220	NAN2600R	1710	1450	1971	NANAR2600	1710	1450	1971
DEPAUTO50	41-50	10000	1200	NDD3800	1710	1955	3026	NDOFC1500	4 l/s	1150	1720	NAN3200R	1710	1725	2435	NANAR3200	1710	1725	2435
DEPAUTO60	51-60	12000	1500	NDD4600	1710	2225	3510	NDOFC2600	7,5 l/s	1710	1450	NAN3200R	1710	1725	2435	NANAR3200	1710	1725	2435
DEPAUTO80	61-80	16000	2200	NDD6400	1950	2530	4862	NDOFC2600	7,5 l/s	1710	1450	NAN3800R	1710	1955	3104	NANAR3800	1710	2225	3510
DEPAUTO100	81-100	20000	3000	NDD7000	2250	2367	6711	NDOFC2600	7,5 l/s	1710	1450	NAN4600R	1710	2225	3510	NANAR4600	1710	2225	3510

TREATMENT EFFICIENCY

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

≤80 mg/l
SS

≤5 mg/l
Total Hydrocarbons

≤2 mg/l
Total surfactants