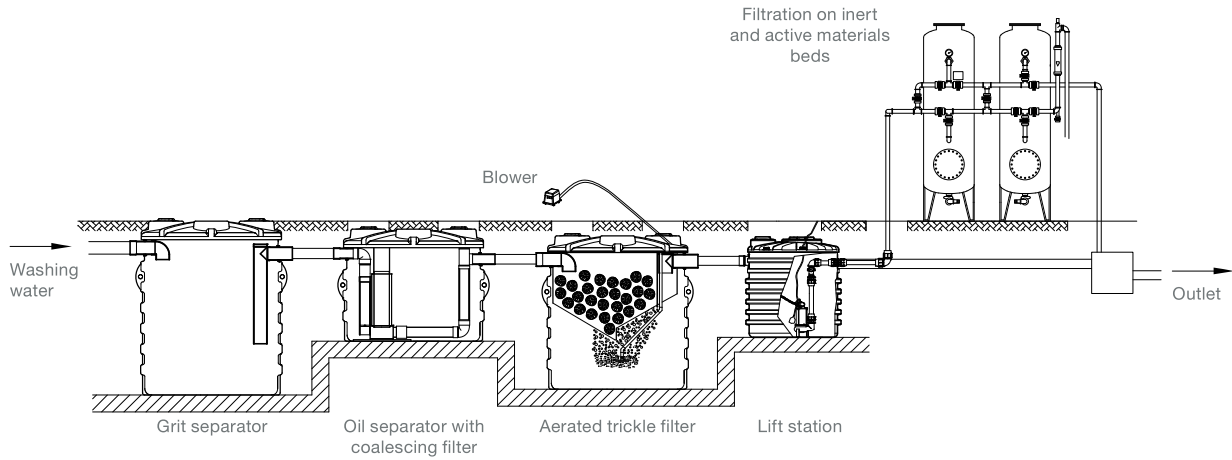


PLANTS FOR CAR WASHES

RE-USE OF THE TREATED WATER



| Item | Sizing | | | Plant composition | | | | | | | | | | | | | | | | |
|--------------|-------------|--------------------|-----------|-------------------|------|------|---------|-------------------|------|------|------------------------|------|------|-----------------|------|------|---------|---------------------|-----------|------|
| | Cars/day n° | Hydraulic load l/d | Max Q l/h | Grit separator | | | | Oil separator | | | Aerated trickle filter | | | Pumping station | | | | External filtration | | |
| | | | | Model | Ø mm | H mm | V tot l | Model | Ø mm | H mm | Model | Ø mm | H mm | Model | Ø mm | H mm | V tot l | Model | L. x w mm | H mm |
| DEPAUTO10T4 | 0-10 | 2000 | 400 | NDD 1500 | 1150 | 1720 | 1193 | NDOFC1000 1,5 l/s | 1150 | 1220 | NANA 1000 | 1150 | 1220 | NSOL 1000EC | 1150 | 1220 | 900 | FQCA05 | 900x40 | 1650 |
| DEPAUTO20T4 | 11-20 | 4000 | 400 | NDD 2600 | 1710 | 1450 | 1971 | NDOFC1000 1,5 l/s | 1150 | 1220 | NANA 1500 | 1150 | 1720 | NSOL 1000EC | 1150 | 1220 | 900 | FQCA05 | 900x40 | 1650 |
| DEPAUTO30T4 | 21-30 | 6000 | 600 | NDD 2600 | 1710 | 1450 | 1971 | NDOFC1500 2 l/s | 1150 | 1720 | NANA 2100 | 1350 | 1975 | NSOL 1000EC | 1150 | 1220 | 900 | FQCA08 | 1400x600 | 2000 |
| DEPAUTO40T4 | 31-40 | 8000 | 800 | NDD 3200 | 1710 | 1725 | 2435 | NDOFC1000 3 l/s | 1150 | 1220 | NANA 2100 | 1350 | 1975 | NSOL 1000EC | 1150 | 1220 | 900 | FQCA08 | 1400x600 | 2000 |
| DEPAUTO50T4 | 41-50 | 10000 | 1200 | NDD 3800 | 1710 | 1955 | 3026 | NDOFC1500 4 l/s | 1150 | 1720 | NANA 3200 | 1710 | 1725 | NSOL 1500EC | 1150 | 1720 | 1400 | FQCA1 | 1400x600 | 2000 |
| DEPAUTO60T4 | 51-60 | 12000 | 1500 | NDD 4600 | 1710 | 2225 | 3510 | NDOFC2600 7,5 l/s | 1710 | 1450 | NANA 3200 | 1710 | 1725 | NSOL 1500EC | 1150 | 1720 | 1400 | FQCA1 | 1400x600 | 2000 |
| DEPAUTO80T4 | 61-80 | 16000 | 2200 | NDD 6400 | 1950 | 2530 | 5100 | NDOFC2600 7,5 l/s | 1710 | 1450 | NANA 3800 | 1710 | 1955 | NSOL 3000EC | 1710 | 1650 | 3000 | FQCA2 | 1800x1000 | 2000 |
| DEPAUTO100T4 | 81-100 | 20000 | 3000 | NDD 7000 | 2250 | 2367 | 6711 | NDOFC2600 7,5 l/s | 1710 | 1450 | NANA 4600 | 1710 | 2225 | NSOL 3000EC | 1710 | 1650 | 3000 | FQCA2 | 1800x1000 | 2000 |

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:

≤25 mg/l
SS

≤2 mg/l
Total Hydrocarbons

≤0,5 mg/l
Total surfactants