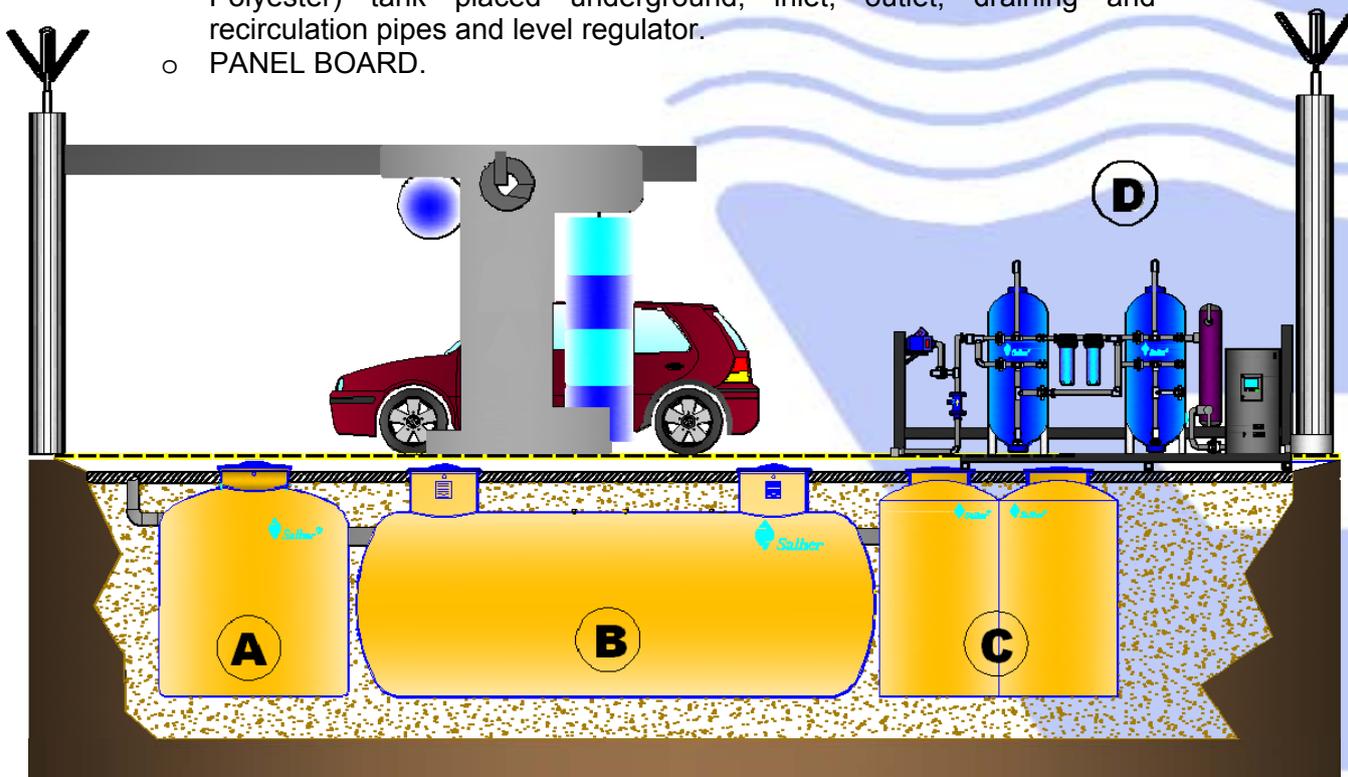


2.2 COMPACT STATION FOR TREATED AND INDUSTRIAL WATER REUSE FOR CAR WASH SYSTEM

2.2.1. UNDERGROUND INSTALLATION AND AUTOMATIC CLEANING REF: LAVA-AUT-E

- Sized in accordance with the R.D. 1620/2007 norm (Spain)
- Reuse system composed of:
 - REUSE STATION composed of: galvanize steel structure with high productivity filter, automatic cleaning, sand/flint/anthracite loading, electrovalve, pressure gauge, ring/cartridge/activated-coal filter with automatic cleaning system, activated coal load, supply point valve, UV light and sensor.
 - POWER SUPPLY SYSTEM FOR REUSE STATION composed of: submerged pump, level regulator, lock valve, pressure gauge and check valve.
 - CLEAN WATER TANK MAINTENANCE composed of: auto-suction pumps, automatic chlorine station, level regulator, pressure gauge, lock and check valve, pressure gauge and disinfecting agent tank.
 - ROUGH WATER COLLECTING TANK composed of: GFRP (Glass Fiber Reinforced Polyester) tank placed underground, inlet, outlet, and excess pipes.
 - CLEAN WATER TANK composed of: GFRP (Glass Fiber Reinforced Polyester) tank placed underground, inlet, outlet, draining and recirculation pipes and level regulator.
 - PANEL BOARD.



**A: Solids settling tank. B: Hydrocarbon separator
C: Lung tank and accumulator. D: Reuse station**

REF: LAVA-AUT-E



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m ³ / h	0,5	1,00	1,5	3	5	7,5	10	15
Installed installation [kw-Tension]	2,5 kW 400V	2,5 kW 400V	2,5 kW 400V	3 kW 400V	3 kW 400V	3 kW 400V	5 kW 400V	5 kW 400V
Rough water tank CVC-E [liters]	1.000	1.000	1.000	1.500	1.500	2.000	3.000	5.000
Rough water tank dimensions [m]	Ø1,2xH1,0	Ø1,2xH1,0	Ø1,2xH1,0	Ø1,2xH1,45	Ø1,2xH1,45	Ø1,4xH1,44	Ø1,7xH1,79	Ø2,0xH1,80
Treated water tank CVC-FP [liters]	1.500	2.000	3.000	5.000	7.000	10.000	12.000	20.000
Treated water tank dimensions [m]	Ø1,2xH1,45	Ø1,4xH1,44	Ø1,4xH2,10	Ø1,7xL2,54	Ø1,7xL3,42	Ø2,0xL3,58	Ø2,0xL4,21	Ø2,0xL6,76