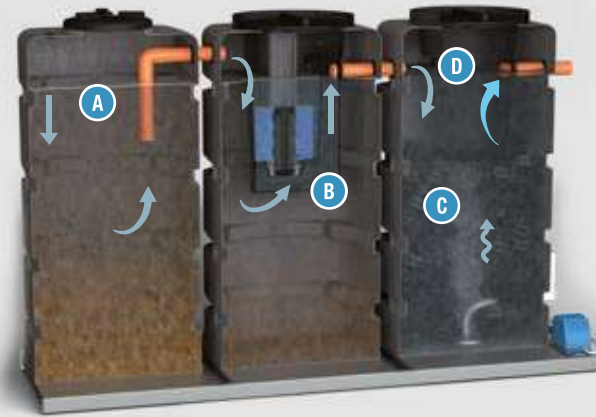


OVERGROUND CAR WASH PLANT



KEY

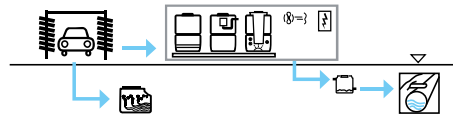
- (A) Sand trap
- (B) Coalescence oil separator
- (C) Aerated biofiltration
- (D) Final sedimentation
- (E) Sand and active carbon filtration skid (automatic or manual)

WHERE TO USE IT



The plant is used for the treatment of water coming from manual car wash plants or from small portals and tunnels.

INSTALLATION SCHEME



FUNCTION AND USE

The plant is used for the treatment of water coming from car wash plants. This plant is made up of a pre-treatment phase in which the separation of solids and oils takes place by gravity (sand trap and oil separator), a phase of biological treatment by means of aerated biofiltration and a final phase of sedimentation.





The system must be fed at a constant flow rate, which must never exceed the maximum rated capacity, using a pump not included in the supply. With the addition of a final pressure filtration section composed by a quartzite filter and an active carbon filter, it is possible to reuse the water for the first washing phases only.





STANDARDS AND CERTIFICATIONS

EN 858/1-2

EN 12566-1/3

TECHNICAL TABLE - PRICE LIST

icon	model	cars/day	Q max	volume	Le x W x h	caps Ø cm				€
						14	20	40	60	
						n.				
		n.	liters/h	m ²	cm					
	IALE 1500 F	10	100	1.500	240 x 67 x 131	-	-	1	2	4.055,00
	IALE 2250 F	15	150	2.250	240 x 67 x 206	-	-	1	2	4.625,00
	IALE 3000 F	20	200	3.000	326 x 95 x 161	-	-	1	2	6.185,00
	IALE 4500 F	25	250	4.500	326 x 95 x 207	-	-	1	2	7.035,00

icon	model	cars/day	Q max	volume	Le x W x h	caps Ø cm				with automatic skid	with manual skid
						14	20	40	60		
						n.				€	
		n.	liters/h	m ²	cm						
	IALE 1500 RI	10	100	2.000	296 x 67 x 131	-	-	1	3	14.420,00	13.280,00
	IALE 2250 RI	15	150	3.000	296 x 67 x 206	-	-	1	3	15.150,00	14.010,00
	IALE 3000 RI	20	200	4.000	382 x 95 x 161	-	-	1	3	16.960,00	15.820,00
	IALE 4500 RI	25	250	5.000	382 x 95 x 207	-	-	1	3	18.060,00	16.910,00

For this type of system it is necessary to provide a backwash line for the filtration system with a pressure suitable for use (see instruction booklet supplied with the items). The backwash discharge must be conveyed to the head of the plant or to the Public Sewer with prior authorization from the competent body.

F: DISCHARGE
RI: WATER REUSE

The system must be powered possibly at a constant flow rate which must never exceed the maximum rated flow rate.