FREYLIT

Saving Our Planet's H_2O Gallon by Gallon

CHV 200 (50 gpm)

Applications:

- Up to Six Self Serve Bays + Roll Over Automatics with moderate water needs or small tunnel
- Ideal for undercarriage and side blaster applications (Friction or Touchless)

Features:

- Three Stage Filtration and Four Stage Propriety Degerming
- Timers for multiple system/function controls
- Very small foot print and can be wall mounted
- Provides water to an independent header tank
- Economically priced
- Upgradeable to CHV 400 (100 gpm) or CHV 600 (155 gpm)
- Half hour quarterly maintenance

Technical Product Data

CHV Model No.	**200**
Gallons per Minute	50
Dimensions	
Machine Only:	
Length	2'
Depth	2'
Height	5' 4"
Allowance M/C left for piping	1'-2'
Allowance M/C right (For Access)	1'
Weight (approx) Lbs.	100
Electrical	
Phases/Amps	3 Phase/ 20A
# of High Voltage Electrodes	One
Degerming	
# of Water Stabilizers	One
Filtration	
# of Cyclone Filters	Two
Pumps	
# of Suction Pumps	One

FREYLIT USA Inc.
1809 Associates Lane Suite D Charlotte NC 28217
Phone: 704-424-1006 Fax: 866-430-7769
Email: admin@freylitusa.com Website: www.freylitusa.com

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Why Choose Freylit?

- Freylit has gained international experience from installations in over 35 countries, with 10,000 reclaim and oil water separator systems installed during the last 25 years. Our major clients have included: Chevron, Exxon, Texaco, Shell, BP and Mobil.
- Does not use any corrosive ozone or dangerous chemicals to degerm the water and is deemed a "Green Build Application".
- Odor control using Freylit's proprietary water stabilizer, unique voltage electrode and exclusive 7,200 head diffused air membrane.
- Three stage dirt removal for easy system operation and long term easy maintenance.
- No changing of messy and/or expensive filters is needed daily, weekly, or even annually.

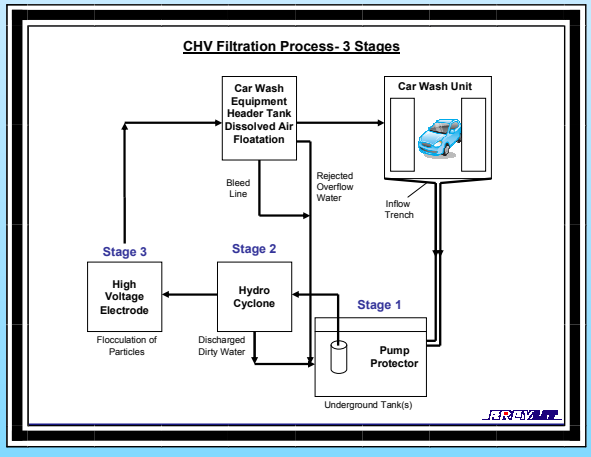
Process Description

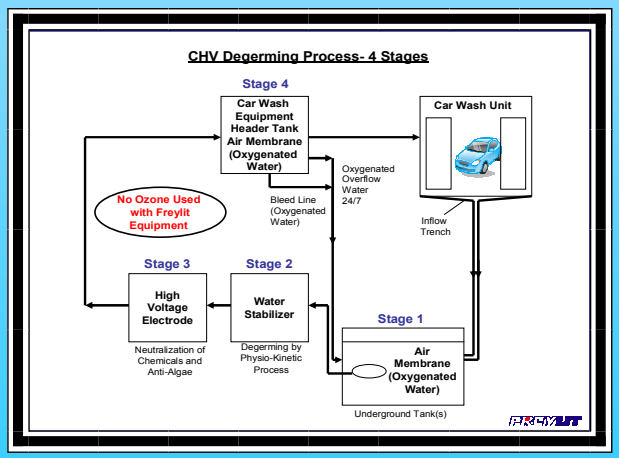
Floatation (Air) Membrane

The floatation membrane assists flakes created by the high voltage electrode to be lifted to the tank surface. This dirt layer is drained periodically back to the silt chamber. A secondary usage of the membrane is to oxygenate the water to prevent the growth of foul smelling bacteria.

Freylit Water Stabilizer

The water stabilizer works by a physio-kinetic process and does not need electricity, chemicals or maintenance. The water passes through a double walled cylinder, which contains a high-energetic medium. As the water flows through the Water Stabilizer, the water molecules are 'excited', activating the oxygen contained in the water, preventing the development of germs and bacteria.





Hydro-Cyclone

Large suspended solids are separated and returned to the silt chamber.

High Voltage Electrode

The recycling water passes through a pipe equipped with a high voltage electrode which causes flocculation of the suspended solids, killing bacteria and preventing the growth of algae.

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