

EKOLIT 200 PM (50 gpm)



Applications:

- One or two Roll Over Automatics and/ or Small Tunnel, and/ or several Self Serve Bays.
- All wash Cycles up to 100% reclaim (Friction or Touchless or both).
- Outdoor model available.

Features:

- Five Stage Filtration and Four Stage Proprietary Degerming.
- Automatic back flushing of fine Filter after each cycle.
- Microprocessor for multi system/function controls.
- Integrated DAF (Dissolved Air Flootation) system for odor control.
- One hour quarterly maintenance
- All Polypropylene Line
- No use of Chemicals, Ozone and no Enzymes (Bugs)

Technical Product Data

Ekolit Model No.	200 PM
Gallons per minute	50
Dimentions	
Machine Only:	
Length	5'
Depth	2'8"
Height	5'9"
Allowance M/C left for maintenance	1'
Allowance M/C right for maintenance	1'
Weight (approx)Lbs.	450
Electrical	
Phases/Amps [1 or 3 phases]	3Phases/40A
# of High Voltage Electrodes	One
Degerming	
# of Water Stabilizers	One
# DAF Membranes	Two-Three
Filtration	
# of Cyclone Filters	Two
# of Fine Filter	One 2'
Pumps	
# of Pressure Pumps (1 1/2 - 3 Hp)	One
# of Suction Pumps (1 1/2 - 2 Hp)	One





Filtration and Degerming Processes

• Dissolved Air Flotation System

The floatation membranes 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 oxygenated the water to prevent the growth of foul smelling bacteria.

• Freylit Water Stabilizer (*)

The water stabilizer works by a Physio-kinetic process & doesn't 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, assisting in preventing the development of germs and bacteria.

• Hydro-Cyclone

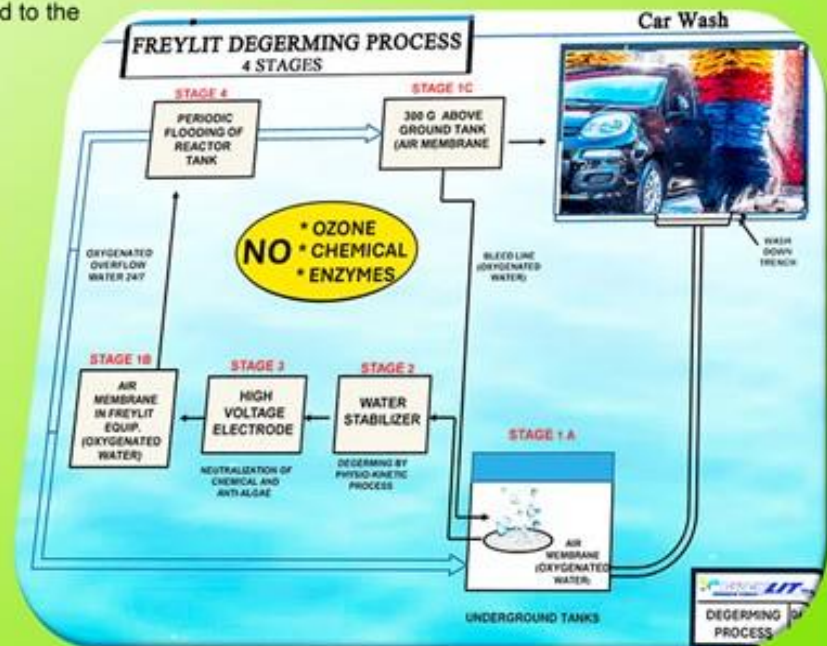
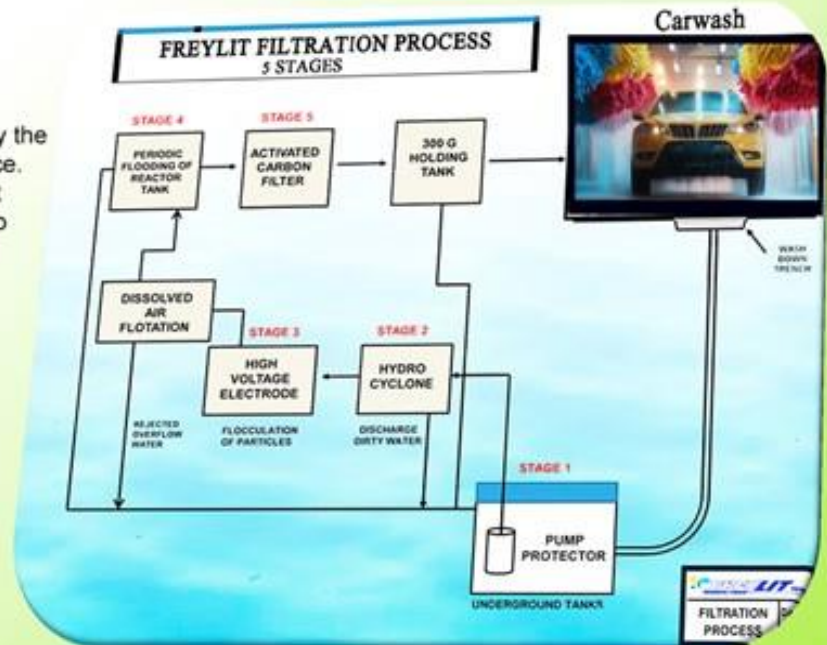
Large suspended solids are separated and returned to the underground silt chambers.

• High Voltage Electrode (*)

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

• Automatic back-flushing of the Fine Filter

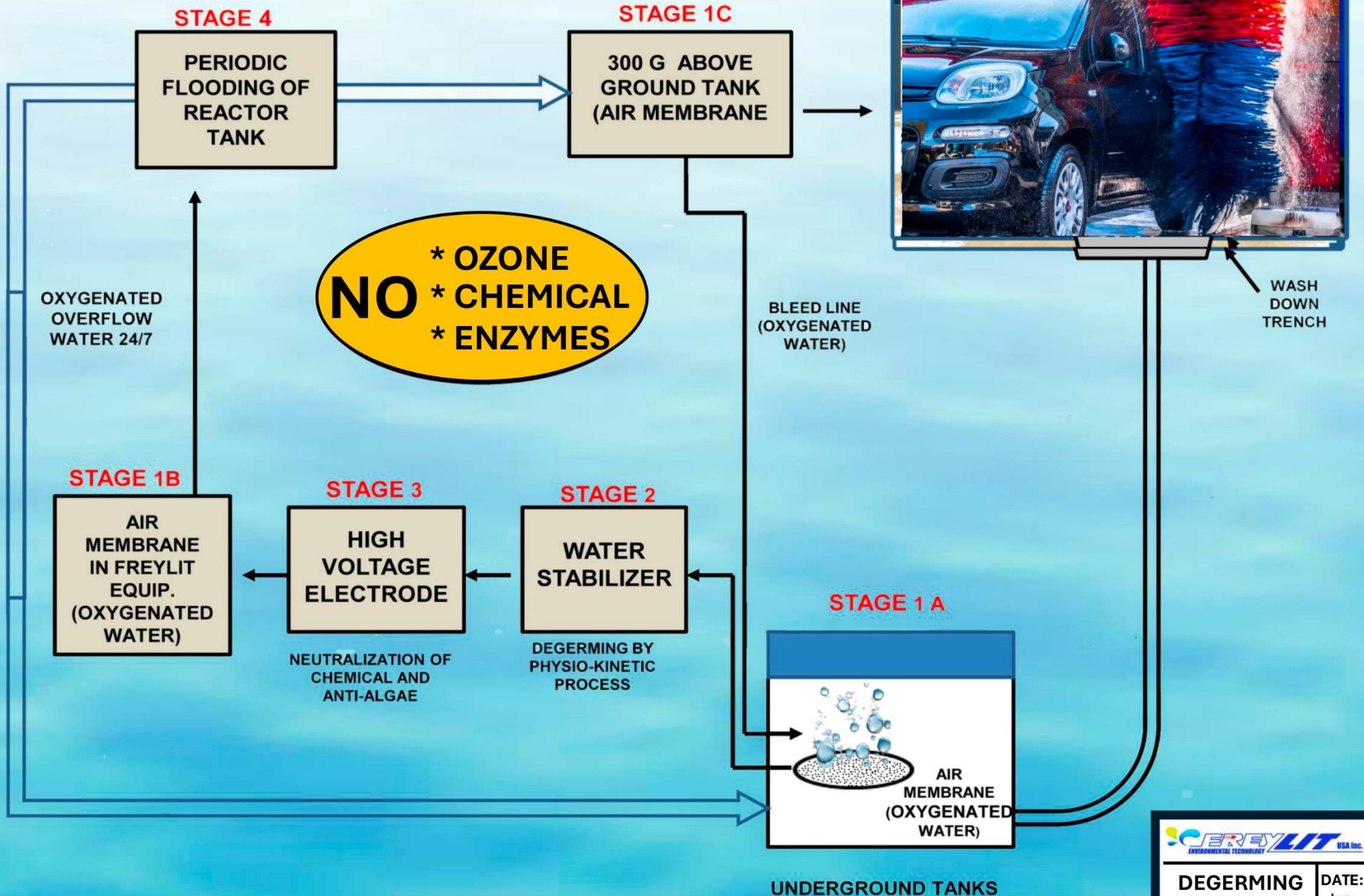
Programmed to proceed at the end of each wash cycle automatically via a signal sent by the pressure switch to the micro controller. Recycled water and compressed air clean the fine filter, discharging the dirty water back to the underground tank.



(*) Freylit proprietary equipment.

FREYLIT DEGERMING PROCESS

4 STAGES



FREYLIT FILTRATION PROCESS

5 STAGES

Carwash

