

ACTIVATED CLAY

- Purity
- Simplicity
- Sustainable



Product Description

Redefine dry cleaning with ACTIVATED CLAY FILTRATION. Aggressive solvents such as perc and hydrocarbon-based solvents clean by solubilizing soils into the solvent, making it one fluid that often requires distillation to completely purify. Silicone is a completely different chemistry. Using ACTIVATED CLAY, which is formed from food-grade calcium bentonite, we can purify the GreenEarth silicone, gently removing odors, dyes, and other soils to an extremely fine level. So fine, that distillation is no longer needed. The ACF is used directly in the dry cleaning machine, applied to your spin disc filter using our proprietary maintenance programs. The clay is generally replaced once or twice a week based on volume

cleaned. When using ACF, we no longer use (or need to dispose of) cartridge or all-carbon filters. We can reduce the amount of detergent used. We enjoy shorter cycle times and up to 60% lower utility costs*. Best of all, fabrics feel soft, fresh, and smell great – just like your customers demand!

Directions for Use

GreenEarth offers two choices of pre-packaged, measured bags of ACTIVATED CLAY which can be sent to you by the case or on a subscription basis. The amount of ACF used will depend on the size of the machine and number of spin disc filters on your machine. No permanent changes to your machine are necessary, and we can assist you with programming modifications. Normal washing programs will be converted to single-bath (bypassing the distillation system) and new filter maintenance programs will be added. We provide you with training videos that show exactly how to use the ACF in your dry cleaning machine.

	Avg Cycle Time	Water		Electricity		Boiler		Total Cost (50 lbs.)
		Gal/ lb.	\$/ lb.	kWh/ lb.	\$/ lb.	ft ³ gas/ lb.	\$/ lb.	
Typical Class IIIA Machine with 2 bath distillation*	71 min	6.65	\$ 0.037	0.11	\$ 0.018	4.98	\$ 0.031	\$ 4.28
Typical Class IIIA Machine with Activated Clay	64 min	1.83	\$ 0.010	0.10	\$ 0.017	2.83	\$ 0.018	\$ 2.22
GreenEarth- Optimized Machine w/ Electric Heat	74 min	0.37	\$0.002	0.19	\$0.032	-	\$ -	\$ 1.70
GreenEarth-Optimized Machine w/ Steam Heat	52 min	2.43	\$ 0.013	0.04	\$ 0.007	1.96	\$ 0.012	\$ 1.60

* Union HXL series tested by GreenEarth Cleaning 2013-2014. Cost of utilities reflect Kansas City, MO rates for June 2014.