

HARMSCO®

Cartridge Cleaning Instructions

Harmsco® filter cartridges are cleanable and reusable in most applications and micron ratings. For best results, clean cartridges when pressure differential is 12-15 psi above start-up differential. If cartridges are to be replaced allow pressure differential to climb to 25-30 psi above start-up differential or when flow has diminished to an unacceptable level, indicating cartridge is at capacity.

Cleaning Instructions

Cartridge Cleaning in Aqueous Applications

Clean cartridges with pressure nozzle using standard hose. Direct spray at an angle to remove particulate. Follow these directions for best results:

▶ **Oils in aqueous solutions:**

Soak cartridges in a solution of tri-sodium phosphate or similar strong detergent (2 lbs. to 10 gallons of water). Soak up to 12 hours. Rinse after soaking.

▶ **Organic matter and algae in aqueous solution:**

Use tri-sodium phosphate or similar strong detergent as described above, plus 1 pint of liquid chlorine to kill organic matter and algae. Soak cartridges 1 hour or longer until surface is no longer slippery. Rinse after soaking.

▶ **Calcium & mineral deposits:**

Follow directions for oils described above. Rinse cartridges thoroughly for approximately 10 minutes in a solution of one part muriatic acid to 20 parts of water. Rinse cartridge thoroughly with water.

▶ **Potable water application:**

NSF Standard 60. Approved citric acid - refer to nsf.org

Caution:

Do not rinse cartridges with acid until oils and organic matter are removed. Use detergent first and follow with acid soak for mineral removal. Flush cartridges with water after muriatic or tri-sodium phosphate baths. Generally it is not possible to clean Harmsco® cartridges when filtering petroleum-based liquids, toxic substances and when using one micron and sub-micron cartridges.