

Over 50 Million Aerosol Cans Recycled

aerosolv[®]

MATERIALS Handling

Working with ease...



SAFELY

EMPTIES AEROSOL CANS
COLLECTS LIQUID CONTENTS
FILTERS VOCs

The only aerosol can recycling technology certified in the joint U.S. Environmental Protection Agency and California EPA Environmental Technology Verification and Certification Program.

With **aerosolv** Recycling Aerosol Cans Is As Easy As...Using Them.



The Aerosolv Aerosol Can Recycling System Simplifies Aerosol Can Disposal

The Aerosolv puncturing unit threads directly to the 50mm (2") bung of any 60 or 205 litre drum. Simply place an aerosol can into the Aerosolv unit and lock the safety cap. With a press of the handle, a carbide-tipped puncture pin pierces the dome of the can. The carbide-tip is non-sparking, one of many safety features you'll appreciate about the Aerosolv system.

Liquids, Collect Directly Into the Drum

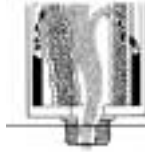
That's the neatest feature of the system. Residual liquids collect safely in the drum, ready for eventual transportation without further handling. And one 205 litre drum will hold the residual liquids from 4,000 spent aerosol cans. As solid waste, the same cans would require at least forty 205 litre lab-pack drums at a disposal cost of \$20,000 or more.

Residual Propellant is Filtered of VOCs

The Combination Filter threads directly to the 20mm (3/4") bung of the drum, one of the many safety features incorporated into the system. Although not required for aerosol can disposal, the filter addresses air quality and emissions standards.

The Combination Filter Does Two Things

The base of the Combination Filter is the Coalescing Cartridge. In it, the specially designed filter media coalesces microscopic liquids from the escaping propellant and forms them into droplets. The droplets collect in the reservoir of the Coalescing



Cartridge and can be easily drained, directly into the drum if desired, by opening the drain valve on the bottom. Dry propellant then moves through the Activated Carbon Cartridge that adsorbs hydrocarbons and odor.

The Activated Carbon Cartridge Contains 500 grams of Activated Carbon

Made from ground coconut shell, the activated carbon promotes rapid evacuation of the propellant from even a full aerosol can. The advance colourmetric carbon cartridge will clearly indicate cartridge replacement for maximum efficiency.



Accommodates a wide assortment of aerosol cans, even 75mm jumbo cans. Whatever size can, the Aerosolv unit smoothly pierces the dome.

When Is An Aerosol Can Empty?



Relieve the Pressure of Aerosol Can Disposal

An aerosol can can't be relieved of pressure through normal use. Even when "empty", the retained propellant can react to heat or pressure when crushed or bailed. With the system, you can safely puncture the aerosol can, relieve the pressure, and collect any residual liquids. By recycling the punctured aerosol cans, you'll eliminate an entire category of waste from your waste stream.

Prevent Static Build-Up...Automatically

Each system is shipped with an Anti-Static Wire. The 2400mm length anti-static wire provides convenient installation, anywhere in your plant. Attached to the unit by a brass screw and ring-terminal, it prevents static build-up by grounding the drum.

Install an Aerosolv System on Separate Drums

By setting up the system on several drums in a shop, you can collect residual solvents into one drum and residual paints into another. The solvents can be recycled right in the shop as parts cleaner. Paints can be reclaimed, often resulting in waste minimization credit. And, of course, you've got the empty aerosol can, to be recycled with other scrap steel.

Cost to Recycle

It costs approximately 20 cents to recycle each can, filter propellants & collect or recover waste liquids.

Filter Longevity

The colormetric carbon filter, that is complete with an indication window, should be replaced after 1500 cans or when the indicator colour changes. The coalescing filter will normally accommodate up to 3000 cans. Therefore on changing every second colormetric filter, it pays to change the coalescing filter.

The Result? Recyclable Steel

After using the system, you've got an empty steel can with a small, smooth-edged hole. In as little as five seconds. No spills. No jagged edges. And, no compressed gas, so it's ready for recycling with your other scrap steel.



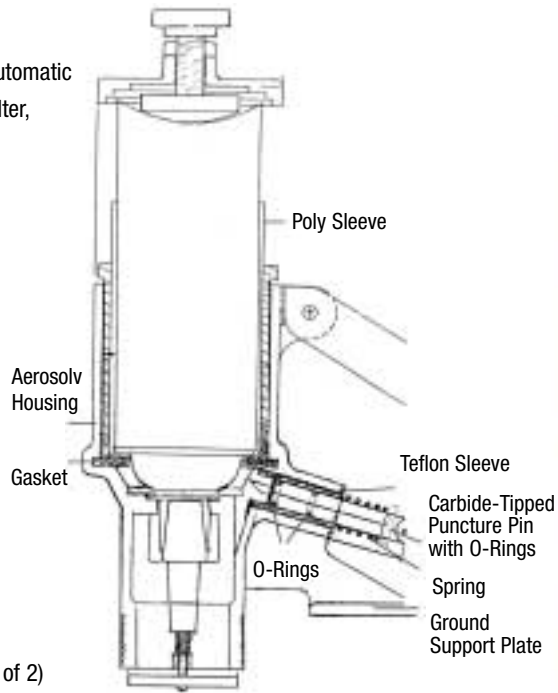
Designed for safety and longevity, the Puncture Pin point is non-sparking carbide and has shown no visible wear after 10,000 uses.



The punctured can has no sharp jagged edges or crushed metal.

Aerosolv Model 7000

INCLUDES: Advanced Puncturing Device-Teflon Coated, Automatic Shut-off Valve, #7163 Combination Colormetric Carbon Filter, Anti-Static Wire, and Safety Goggles



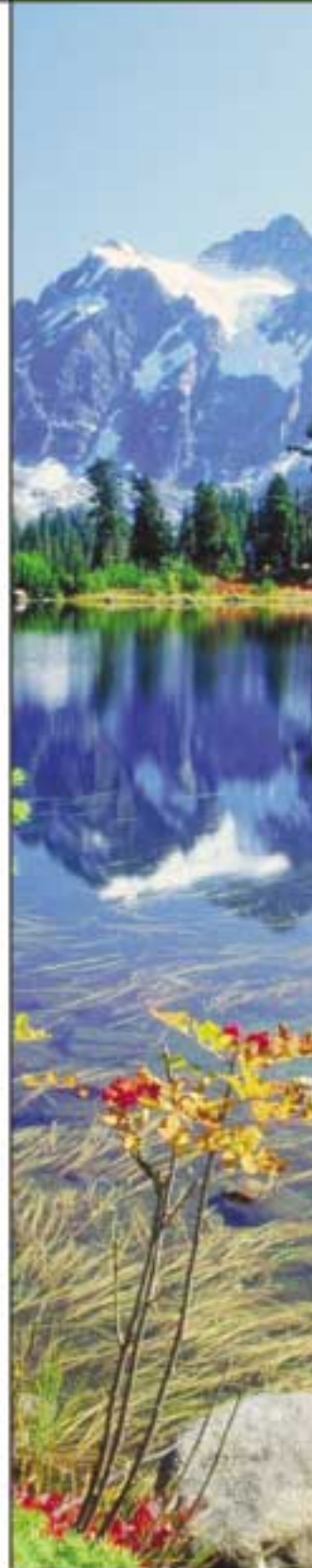
Replacement Parts

Filters

- #7163 Combination Coalescing Filter with Replaceable Colormetric Carbon Cartridge
- #7363 Replacement Colormetric Carbon Cartridges (pkg. of 2)

Accessories

- #5165 Maintenance Repair Kit
 INCLUDES: 1 x Carbide-Tipped Puncture Pin with O-Rings,
 1 x Aeroprene Gasket,
 1 x Spring, 3 x Bridge Pins, 1 x Tube of Grease
 - #5129 Aeroprene Gasket
 - #5111 Viton® Gasket
- Viton® is a registered trademark of DuPont de Nemours & Co.



Authorised Distributor:

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With a simple half turn, remove and replace the Activated Carbon Cartridge as needed.