CONSERVATION

With *aerosolv*®, conserve dollars while saving precious landfill space.

- Solid waste disposal of aerosol cans averages $5/can.
- Fines for improper disposal can reach $25,000.
- The cost of *aerosolv*® is recouped after puncturing as few as 100 cans.

Please
Recycle Steel Cans

STEEL

#5000 *aerosolv*® Can Recycling System includes:

- Puncturing unit with separate plastic sleeve
- Coalescing/activated carbon filter
- Anti-static wire
- Safety goggles

Replacement Accesories for #5000

#6163 Combination coalescing/act. carbon filter

#6363 Activated carbon cartridges (2 pk)

#5165 Maintenance Repair Kit: includes puncture pin with o-rings, aeroprene gasket, bridge pins, spring and tube of grease

#5129 Aeroprene Gasket

1-800-233-3721

www.ramflat.com

aerosolv®

Aerosol Can Recycling Solution

Patents 5,163,585 and 5,265,762. U.S. and other patents pending.

SAFETY INSTRUCTIONS

1. Wear safety goggles while operating *aerosolv*®.
2. DO NOT use *aerosolv*® while smoking or near open flame.
3. Install Anti-Static Wire to properly "grounded" drum.
4. Install Carbon Filter prior to using *aerosolv*® Replace Activated Carbon Cartridge as indicated.
5. DO NOT use *aerosolv*® on a drum with less than 20-gallon capacity.
6. Remove *aerosolv*® to an empty drum once collection drum is 70% full (when contents reach within 10" of the top).
7. Always engage sliding top plate against can being punctured.
8. DO NOT use *aerosolv*® for puncturing "foaming" aerosol products propelled by propane.
9. **ALWAYS OPERATE *aerosolv*® SYSTEM OUTDOORS OR IN A WELL VENTILATED AREA.**

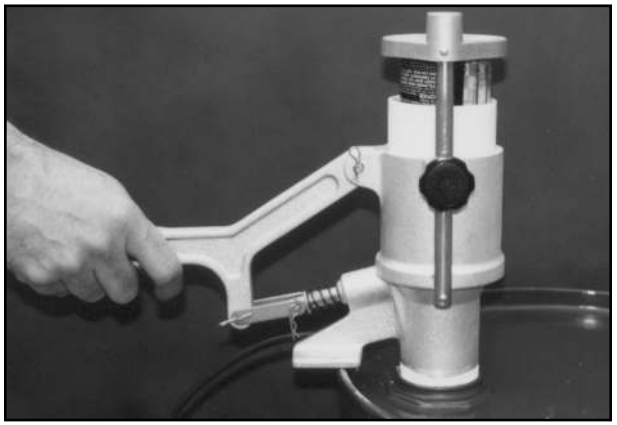
aerosolv® UNIT INSTALLATION

Prior to operating aerosolv® unit, install Act. Carbon Filter and Anti-Static Wire.

- Thread *aerosolv*® into 2" bung, Rotate clockwise until ground support plate firmly engages drum rim.

See lower right side of photo.

- Insert aerosol can, NOZZLE END DOWN, into *aerosolv*® housing sleeve, so that shoulder of can rests on gasket. For 1" "mini-cans", push shoulder of can beyond gasket. *Be sure to remove cap from aerosol can prior to insertion.*
- When puncturing "jumbo" cans, remove white plastic sleeve from *aerosolv*® housing, then insert can as above.
- Lower sliding top plate and FIRMLY engage against plastic sleeve or bottom of "jumbo" can. TIGHTEN lock knob.



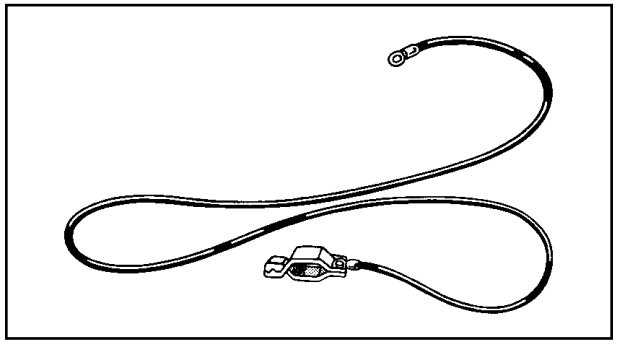
- Push handle down firmly and release. Wait 20 seconds before removing punctured aerosol can to allow residual liquids to drain into drum. **When puncturing full and half-full cans, best results are obtained by "pumping" the handle several times when puncturing, to moderate evacuation pressure.**
- After removing punctured can, lower sliding top to rest on plastic sleeve to seal collection drum. For "jumbo" cans, replace plastic sleeve prior to lowering sliding top plate.

aerosolv® FILTER INSTALLATION

- Thread directly to 3/4" bung of drum.
- Replace Colormetric Carbon Cartridge as indicator turns from violet to black. Remove spent Colormetric Carbon Cartridge by turning counter-clockwise while holding in place Coalescing Cartridge.
- Replace Coalescing Cartridge every 6 months. To replace simply order a #6163 Combination Filter, whic includes the Coalescing Cartridge and the Activated Carbon Cartridge.

aerosolv® ANTI-STATIC WIRE

OSHA requires that liquid storage vessels be grounded to prevent static electricity build-up. The aerosolv® System includes an Anti-Static Wire for user convenience.



- Attach ring terminal of Anti-Static Wire to brass screw on *aerosolv*® Ground Support Plate
- Attach alligator clip of Anti-Static Wire to any nearby confirmed ground source, ex. metal pipe.

aerosolv® MAINTENANCE

Periodic cleaning and greasing of the carbide-tipped puncture pin will assure years of use. With constant, heavy usage, the puncture pin should be cleaned and greased once a month.

- To clean or replace puncture pin, remove bridge pin at uppermost point of handle. Entire handle mechanism and puncture pin can be removed.

Gasket deterioration will occur when venting aerosol paints and aggressive solvents, requiring periodic gasket replacement. To assure proper seal during aerosolv® usage, check gaskets frequently and replace as required.

- To replace gasket, simply pull out old gasket, snap in replacement.

COMPLIANCE

- By bringing the propellant to atmospheric pressure, *aerosolv*® achieves compliance with:

  40 CFR 261.7(b)(1)
  40 CFR 261.7(b)(1)(B)(2)
  40 CFR 261.23(a)(6)

- Once relieved of pressure, aerosol cans are not regulated waste (OSWER Directive 9432.01 (80)). In addition, puncturing aerosol cans to achieve atmospheric pressure **is not** considered "treatment"; therefore, permitting is not required.

RECYCLING

- Recycling 8,000 aerosol cans reduces solid waste and increases recycling by one-ton.
- By installing separate *aerosolv*® systems on two drums, non-chlorinated aerosols can be collected separately, then reclaimed of solvents, resulting in waste minimization credit.
- Cans punctured using *aerosolv*® may be recycled with other scrap steel.

aerosolv® leaves only a smooth edged hole.