

Michigan Retailer Environmental Workgroup



Aerosol Puncture Device

June 23, 2016

Goals

- Obey the law
- Simplify operations
- Reduce costs/time
- Minimize waste

Partnership

- Regulatory agencies / Identify requirements
- Regional / location level
- Central purchasing
- Waste hauler

Aerosol Can Management

- Authorized cans
 - Definition of empty
 - Compatible materials
 - Pre-classification process
 - Communication
- Aerosol management flow
 - Impacted departments
 - Who does what?
 - Training/procedures

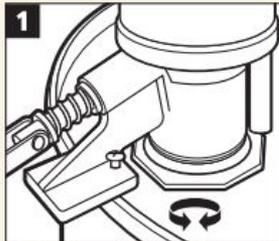
Communication



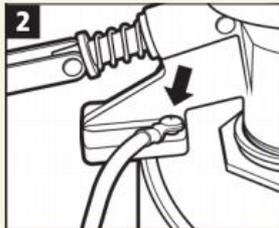
Aerosol Can Recycler Installation and Use

DRM1266

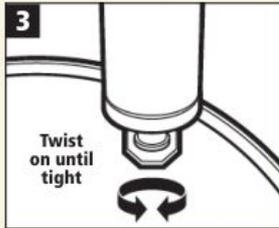
Installation:



1. Thread recycler into 2" bung until support plate touches rim of drum.

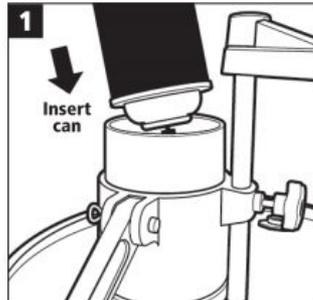


2. Install the anti-stat wire.

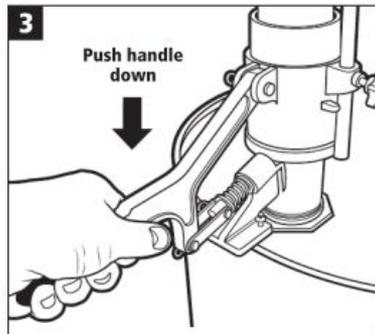


3. Thread combo filter into 3/4" bung.

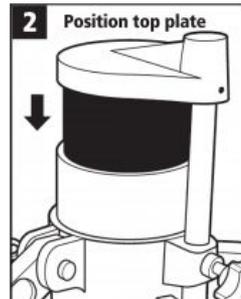
How to Use:



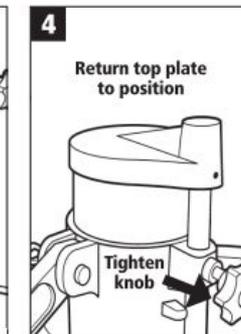
1. Insert domed can (jumbo/standard/mini), lower top cover to hold can firmly in place, tighten knob. Use sleeve for standard cans, remove for jumbo cans.



3. Depress handle to puncture the can and relieve the pressure. DO NOT release until all of the contents are dispersed.



2. Lower top plate and firmly seat, tighten lock knob.



4. Remove can and position top plate back into position and tighten knob to seal drum (reinsert sleeve if removed).

Mount this on wall at use site.

Safety:

- No smoking
- Always use outdoors or in a well-ventilated area, keep away from open flame
- Wear safety goggles (included with kit)
- Ground drum with anti-stat wire (included with kit)
- Use on steel drums in good condition with over 30-gallon capacity
- Monitor filter life and replace as indicated
- Always lock can firmly into place using top plate assembly
- Do not overfill drum

Maintenance:

Clean and lubricate puncture pin regularly.

Filter Replacement:

Carbon cartridge DRM1150 every 3 months

Coalescing filter DRM1151 every 6 months

Replace gasket as needed to keep a good seal.

NOTE: Aggressive chemicals will degrade gasket quicker, more chemically resistant gasket is available.

Call New Pig for replacement parts and filters at 1-800-HOT-HOGS.

Compliance:

Helps you comply with federal regulation 40 CFR 261.1(c)(6) that emptied cans can be recycled as scrap steel.

NOTE: State and local regulations may vary.

Follow EPA guidelines when puncturing pesticides, herbicides and other poisons.

DO NOT co-mingle corrosives, oxidizers, and solvents. Chemical reactions may generate heat and unsafe vapors.

DO NOT puncture powder sprays (may create static and self-ignite).

New Pig • One Pork Avenue, Tipton, PA 16684 • newpig.com • 1-800-HOT-HOGS

155447

Puncture Procedures

- Only properly trained employees can operate the puncture device (function specific)
- Trained employees will:
 - PPE
 - Ensure unit is grounded
 - Well ventilated area
 - Ensure cans are emptied
 - Follow posted procedures
 - Recycle punctured cans if possible
 - Apply labels
 - Coordinate with waste hauler



Hazardous Waste Label

- After first drop, fill Hazardous Waste label:
 - LOCATION # AND NAME
 - ADDRESS
 - CITY, STATE, ZIP
 - EPA ID#
- The accumulation start date and waste codes will be added once drum has been determined to be a waste

Drum Disposal

- Dispose of drum when contents reach 15” from top
- Complete Hazardous Waste label only when preparing the drum for disposal
 - Accumulation start date
 - Applicable waste codes
- Coordinate with waste hauler for drum swap before pickup

Recordkeeping

- Training required by states
- Employees completing training must logon to LMS and sign acknowledgement
- Training records kept in warehouse
 - File in binder
 - Retain 5 years in WA, 3 in ID & MT

Supplies/Resources

- Make reordering easy
- Who are the contacts?
 - Regional
 - Central
 - Waste hauler

Questions

Gavin Pendleton
HMHW Manager

gpendleton@costco.com

425-427-7862