

Cold cleaners are regulated under Michigan Air Pollution Control Rule 611 or 707 (R 336.1611 and R 336.1707). These rules are for “existing” and “new” units. For the sake of these rule, units are defined as:

- “Existing source” means any unit operating or permitted before July 1, 1979.
- “New source” means any unit operating or permitting after July 1,1979.

A portion of these rules is included below. Find the Michigan Air Pollution Control Rules at: **Michigan.gov/Air** (choose “Laws and Rules” then “State” then “Air Pollution Control Rules”).

R 336.1611 Existing cold cleaners *(Last updated 2017)*

1. A person shall not operate an existing cold cleaner unless all of the provisions of subrules (2) to (4) of this rule are met or unless an equivalent control method is approved by the department.
 2. A person shall not operate an existing cold cleaner unless all of the following conditions are met:
 - a) A cover shall be installed and shall be closed when parts are not being handled in the cleaner.
 - b) A device shall be available for draining cleaned parts, and the parts shall be drained not less than 15 seconds or until dripping ceases.
 - c) Waste organic solvent shall be stored only in closed containers, unless the stored solvent is demonstrated to be a safety hazard and is disposed of so that not more than 20%, by weight, is allowed to evaporate into the atmosphere.
 3. A person who is responsible for the operation of a cold cleaner shall develop written procedures for compliance with the provisions of this rule. The procedures shall be posted in an accessible, conspicuous location near the cold cleaner.
 4. The provisions of this rule do not apply to cold cleaners that are subject to the provisions of 40 C.F.R. Part 63, Subpart T, “National Emission Standards for Halogenated Solvent Cleaning” adopted by reference in R 336.1902.
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R 336.1707 New cold cleaners *(Last updated 1997)*

1. It is unlawful for a person to operate a new cold cleaner unless all of the provisions of the following subrules are met or unless an equivalent control method is approved by the department.
2. It is unlawful for a person to operate a new cold cleaner using a solvent having a Reid vapor pressure of more than 0.6 psia or heated above 120 degrees Fahrenheit, unless at least 1 of the following conditions is met:
 - a) The cold cleaner is designed such that the ratio of the freeboard height to the width of the cleaner is equal to or greater than 0.7.
 - b) The solvent bath is covered with water if the solvent is insoluble and has a specific gravity of more than 1.0.
 - c) The cold cleaner is controlled by a carbon adsorption system, condensation system, or other method of equivalent control approved by the department.
3. It is unlawful for a person to operate a new cold cleaner unless all of the following conditions are met:
 - a) A cover shall be installed and the cover shall be closed whenever parts are not being handled in the cleaner. The cover shall be mechanically assisted in any of the following situations:
 - i. The Reid vapor pressure of the solvent is more than 0.3 psia.
 - ii. The solvent is agitated.
 - iii. The solvent is heated.
 - b) A device shall be available for draining cleaned parts, and the parts shall be drained not less than 15 seconds or until dripping ceases.
 - c) Waste solvent shall be stored only in closed containers, unless demonstrated to be a safety hazard and disposed of in a manner such that not more than 20% by weight is allowed to evaporate into the atmosphere.
4. A person responsible for the provisions of this rule shall develop written procedures for the operation of such provisions, and such procedures shall be posted in an accessible, conspicuous location near the cold cleaner.
5. The provisions of this rule do not apply to a new cold cleaner that is subject to the provisions of the halogenated solvent cleaner national emission standards for hazardous air pollutants (1995), which are adopted by reference in R 336.1651.



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

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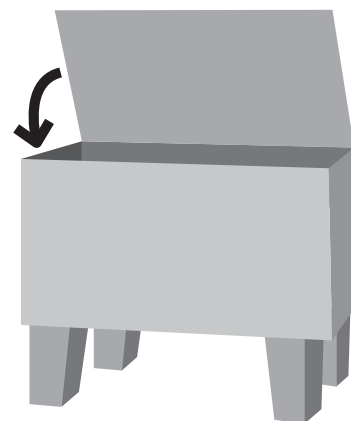
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HOW TO OPERATE YOUR COLD CLEANER

- 1 Open cover
- 2 Clean parts and let them dry in a basket or on a rack for at least 15 seconds
- 3 Close cover when allowing parts to soak
- 4 Collect waste solvent in a sealed container
- 5 Close cover after **EVERY** use



Other state and federal requirements may apply.

Pollution Emergency Alert System: 800-292-4706 | Environmental Assistance Center: 800-662-9278
Michigan.gov/Air

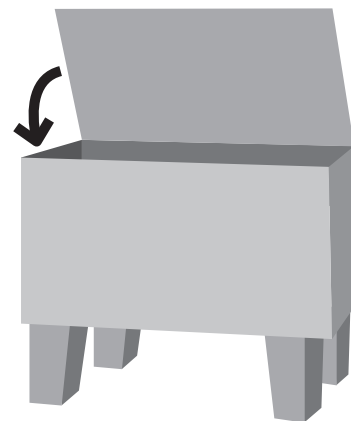


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Office of Environmental Assistance and Air Quality Division

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