

# Commercial Coffee Brewers

## Covered Products

- Bean-to-Cup: Single serving commercial coffee brewers designed to automatically measure and grind whole coffee beans per brew event.
- Liquid Coffee Dispensers: Single serving dispensers that mix coffee concentrate with hot water prior to delivery.
- Powdered Drink Dispensers: Single serving dispensers that mix powdered coffee (i.e. Cappuccino) with hot water prior to delivery.
- Espresso Machines: Machines that prepare single servings of espresso coffee through high-pressure steam.
- Type I: A single serving commercial coffee brewer designed to use brewer-specific, single-use packages of pre-ground coffee and has a standard brew volume of 6 to 24 fluid ounces per brew event.
- Type II: A batch commercial coffee brewer designed to use loose, ground coffee and a re-usable or single-use coffee filter and has a standard brew volume of >24 to 384 fluid ounces per brew event. Type II brewers shall not use disposable packages of pre-ground coffee.
- Small Batch Type II: Brew volume capacity with a range of 24oz. – 128oz.
- Medium Batch Type II: Brew volume capacity with a range of >128oz. – 256oz

## Ineligible Products

Commercial coffee makers that are not ENERGY STAR certified

## Definitions

**Commercial Coffee Brewers:** Commercial appliances designed to heat water and brew coffee.

## Standard Setting and Certifying Program

Various national and international standards apply to electronic appliances. They are defined here as a guide:

**ENERGY STAR®** is a voluntary energy efficiency program sponsored by the U.S. Environmental Protection Agency. The ENERGY STAR® program makes identification of energy efficient appliances easy by labeling products that deliver the same or better performance as comparable models while using less energy and saving money. For

additional information on the ENERGY STAR® program, including product specifications and a list of qualifying products, visit the ENERGY STAR® website at <http://www.energystar.gov>.

**Restriction of Hazardous Substances (RoHS) Directive** – A European Parliament and Council Directive restricts the use of certain hazardous substances in electrical and electronic equipment. It bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants. For additional information on RoHS please visit <https://www.gov.uk/government/organisations/regulatory-delivery>.

## **Specification**

### ***Purchasing Commercial Coffee Brewers***

All affected entities shall purchase commercial coffee brewers that are Energy Star certified.

In addition, all affected entities are encouraged to purchase commercial coffee brewers which are remanufactured or incorporate recycled materials in the manufacturing of the commercial coffee brewer to the extent practicable.

## **End of Life Management**

All affected entities shall follow the following hierarchy for end of life management of commercial coffee brewers:

- If the unit is still in working condition:
  - Attempt to re-use it if a commercial coffee brewer is needed in another application/facility.
  - If the unit is no longer needed, work with the OGS Surplus Property program for redistribution or sale.
- If the unit is no longer in working condition:
  - Ensure that it is properly recycled through your entities e-waste recycling program.

## **Packaging**

Packaging shall comply with Environmental Conservation Law section 37-0205. Packaging shall not contain inks, dyes, pigments, adhesives, stabilizers, or any other additives to which any lead, cadmium, mercury or hexavalent chromium is intentionally

added or contain incidental concentrations of lead, cadmium, mercury or hexavalent chromium which together are greater than 100 parts per million by weight (0.01%).

New York State encourages affected entities to adopt the following:

- The use of bulk packaging.
- The use of reusable packaging.
- The use of innovative packaging that reduces the weight of packaging, reduces packaging waste, or utilizes packaging that is a component of the product.
- That all packaging remain the property of the supplier and not become the property of the affected state entity under any circumstance or condition. The vendor shall certify that the packaging material will be reused, recycled, or composted, and managed in compliance with applicable local, state, and federal laws.
- Packaging that maximizes recycled content and/or meets or exceeds the minimum post-consumer content level for packaging in the U.S. Environmental Protection Agency Comprehensive Procurement Guidelines.
- Packaging that is recyclable or compostable.