

ENERGY STAR for Refrigerated Beverage Vending Machines
DRAFT Refurbished Machine Program
October 29, 2003

NAMA Draft v2.0

This is a supplement to the ENERGY STAR Eligibility Criteria for Refrigerated Beverage Vending Machines which became effective April 1, 2004.

Facility Requirements

- The refurbishment center (RC) must be **in an OSHA nationally recognized testing laboratory (NRTL) affiliated program for UL-541, so refurbished vending machines will maintain equipment certification after modifications.**
- The RC must have **data acquisition and** testing chambers **or access to systems** capable of performing energy consumption test under the ASHRAE Standard 32.1-2004.
- The RC will be required to become an ENERGY STAR partner. EPA will work **with** stakeholders to determine what commitments will be required of both the RC and EPA.
- The RC must be able to **retain safety certification through a nationally recognized testing laboratory program for** each model that is retrofitted to meet ENERGY STAR requirements.

Vending Machine Qualification and Certification Procedures

- The **original equipment manufacturer (OEMs)** must first decide which model(s) it wishes to refurbish as ENERGY STAR, identify which components will be used to meet the performance specification, and pursue **NRTL safety** certification each specific model/component combination.
- In order to qualify, each refrigerated beverage vending machine model must undergo the appropriate change-outs and modifications that will bring the total machine energy consumption at or below the requirements of the ENERGY STAR specification. These change-outs may be in addition to the typical maintenance performed by the RC/OEM.
- The RC/OEM must test a **sample machine of each make and model that has been modified** to ASHRAE Standard 32.1-2004 and provide the results to EPA for review. Prior to labeling, the RC/OEM provides this list of **NRTL** safety certified and ENERGY STAR qualified refurbished machine make and model numbers for posting on the ENERGY STAR Web site.
- **A third-party or user may install an upgrade kit from an RC/OEM into the qualifying model. The third-party or user must be an ENERGY STAR partner and must apply the appropriate Energy Star label to the modified machine.**

Labeling Procedures

- **Refurbished** refrigerated beverage vending machine models that meet ENERGY STAR requirements must come with the ENERGY STAR certification mark on the machine.

Other Requirements

- The RC/OEM must retain refurbishment records (**including the number of refurbishment kits**) for a minimum of 7 years.