

CENTRAL AIR CONDITIONER TUNE-UP SPECIFICATIONS



Consumers Energy is offering a **\$50 rebate** to customers who have a participating contractor perform comprehensive tune-up services on their central air conditioner. Regular maintenance and tune-ups can help a system run more efficiently and last longer, and improve homeowner comfort.

Participation Requirements

Participating contractors must perform, at a minimum, the following test-in and test-out procedures and record the relevant information on the Central Air Conditioner Tune-Up Report. The protocol focuses on maximizing the thermodynamics capacity of the system and has the added benefit of identifying system improvements that are beyond the scope of regular maintenance. Work must be completed between April 1 and Sept. 30, 2019.

Steps To Be Completed

1. Perform test-in procedure:
 - Drill access holes for a psychrometer to measure the conditions entering and leaving the coils, and install instruments. Let instruments stabilize while conducting the next test.
 - Drill access holes for static pressure or anemometer airflow measurements and take measurements.
 - Record airflow and psychrometric data.
 - Measure and record system wattage.
 - Calculate coil capacity
 - A. If coil capacity is > 85 percent, perform maintenance procedures.
 - B. If coil capacity is < 85 percent, perform maintenance procedures and make all possible airflow and charge adjustments to maximize the coil capacity and bring it to at least 85 percent.
 - Inspect filter, clean or replace standard filters
 - Clean condenser coil
 - Inspect evaporator coil, recommend cleaning as needed
 - Adjust airflow
 - Adjust refrigerant charge
 - Inspect electrical connections and wire
2. Measure and record system wattage again. (System wattage should change if airflow and charge are adjusted or if significantly dirty coils are cleaned.)
3. Record and calculate system effective efficiency for all units that were below 85 percent on the initial test-in procedure.

Customer Eligibility

Incentives are available for separately metered, single-family homes or multifamily dwellings that contain up to four households. Tune-up services for multiple pieces of equipment at the same address may qualify for multiple incentives. Available for air-cooled residential equipment only; **geothermal products do not qualify for this incentive**. The program is available to Consumers Energy residential electric customers only. Only one rebate is available for each qualifying cooling unit serviced within the measure life, which is five years. For example, a comprehensive cooling tune-up performed in 2014 is eligible for a rebate in 2019 (2014 + 5 (year measure life) = 2019).

Application Processing

Participating contractors are responsible for completing the rebate application process on behalf of their customers. All program applications must be submitted online at **ConsumersHVAC.com**. Claims must be submitted for qualifying services provided during the season in which cooling equipment is in use (April 1–Sept. 30), and within 30 days after service is performed. Service work performed outside of these dates does not qualify. Funding for this program is limited and available on a first-come, first-served basis. Applications must be accompanied by a completed customer invoice, Terms and Conditions form and the Central Air Conditioner Tune-Up Report.

Power Rebate App (PRA)

PRA is a mobile application solution for an easier and faster way to submit applications from the field. The PRA allows you to submit applications for HVAC replacements and comprehensive tune-ups. It is available for iOS 8 and above and Android 4.4 and above smart devices.

Benefits of the PRA include:

- Built-in calculators that automatically carry out the calculations required on a paper tune-up worksheet
- Step-by-step process, with required fields, that minimizes missed information and resulting flaws
- Forms that are all built right into the application, including Terms and Conditions
- Ability to submit completed applications in the field by taking photos of the invoice/supporting documents and having the customer sign the electronic Terms and Conditions
- Camera that can be used to scan equipment bar code to pull model and serial numbers
- A list of all pending and submitted jobs to help keep track of the status
 - » Multiple technicians are able work off of a single login, but with separate PINs to view their own submitted or pending applications

Please email **consumershvac@icf.com** to have PRA login credentials created, or contact your Account Manager for more information.