

AC-Packaged & Split Systems

Air Conditioning-Packaged and Split Systems Rebate Guidelines

All Packaged and Split Systems cooling equipment must meet Air-Conditioning and Refrigeration Institute (ARI) standards (210/240, 320, or 340/360), be UL listed, use a minimum ozone depleting refrigerant (e.g. HCFC), and meet specified energy efficiency qualifications.

Air Conditioning-Packaged and Split Systems Rebate Worksheet Instructions

Attach manufacturer's data to verify rated SEER or EER (according to ARI standards 210/240, 320, or 340/360). For split systems with different coil and condenser manufacturers, provide documentation to verify the efficiency rating of that particular coil/condenser combination.

Required Documentation Checklist

- Equipment Schedule or Manufacturer's Specification and Data Sheets Listing Unit's Manufacturer, Model Number, Capacity, Efficiency, and Service Area
- Description of Existing Equipment (For Retrofit Projects)
- Air Conditioning (Direct Expansion Systems) Rebate Worksheet
- Rebate Application

Applicant Information

- 1) Enter Applicant Name
- 2) Enter Project Description (e.g. Facility, Building, Location, etc.)
- 3) Specify Type of Construction ("E" for Existing Facilities and "N" for New Construction)

Packaged and Split Systems

Fill in the following information using one line for each unit installed. Identical units may be grouped on a single line.

- 1) Air or Water Cooled (A or W)
 - A - Air Cooled
 - W - Water Cooled
- 2) Packaged or Split (P or S)
 - P - Package
 - S - Split System
- 3) Quantity of Units [Column F]; Quantity of a particular unit type
- 4) Cooling Capacity [Column E]; Nominal Capacity (in Tons) of equipment per unit

- 5) Equipment Efficiency [Column A]; Use the appropriate efficiency rating at full load for the entire system.
 - For Split Systems, the efficiency rating must be for the entire system, and not for individual components.
 - Use SEER if unit type is air-cooled and less than 65,000 Btu
 - Use EER for all other units
- 6) Qualifying Efficiency at Full Load [Column B]; Reference the Qualifying Efficiency Table
- 7) Retrofit Reason (R or B, For Existing Facilities)
 - R - Retrofit of Direct Expansion Systems Before the End of its Service Life for Energy Efficiency
 - B - Burnout Direct Expansion Systems needing immediate replacement
- 8) Manufacturer and Model Number – For Split Systems, include coil selection
- 9) Rebate Amount
 - Calculate the Rebate using the Rebate Program Factors, Equipment Specifications, and the following formula:
Rebate = { [(Equipment Efficiency – Qualifying Efficiency) x Efficiency Rebate] + Equipment Rebate } x Cooling Capacity x Qty of Units
 - Subtract the Qualifying Efficiency from the actual Equipment Efficiency [Column A - Column B]
 - Multiply the result by the appropriate Existing Facilities or New Construction Efficiency Rebate Amount [Column C]
 - Add the appropriate Existing Facilities or New Construction Equipment Rebate Amount [Column D]
 - Multiply the value by the Cooling Capacity [Column E]
 - Multiply the product by Quantity of Units [Column F]
- 10) Add all Rebate Amount entries to determine your Total Air Conditioning Rebate and enter total in the space provided

