

Summary of changes: ACR Certified Reclaimed HFC Refrigerants Methodology - v1.2 to ACR Certified Reclaimed HFC Refrigerants, Propellants and Fire Suppressants Methodology 2.0

The following is a summary of the significant changes from v1.2 of the ACR Certified Reclaimed HFC Refrigerants methodology published in August 2021 to ACR Certified Reclaimed HFC Refrigerants, Propellants, and Fire Suppressants Methodology v2.0 published in April 2022.

Topic	Revision	Section
Eligibility	Adds Propellants and Fire Suppressants as eligible end-use sectors for certified reclaimed HFCs	Table 1
Crediting Period	Changes crediting periods for all projects (except Fire Suppressants) to 15 years. Crediting period for Fire Suppressant projects will be 40 years. ACR estimates (based on EPA’s emission rates for HFCs ¹ , and survey data on market penetration rates for HFCs) that 100% of the certified reclaimed HFCs will emit within 15 years (40 years for fire suppressants) from date of initial charge in the end-use equipment during the first-fill, servicing/leaks, and disposal phases.	1.4
Geographic Boundary	Includes SSR6: Product/Equipment Disposal in the project boundary for quantification of baseline emissions and emission reductions.	2.1, Figure 1
Geographic Boundary	Includes emissions from the disposal of the end-of-life equipment.	2.1, Table 2
Baseline Determination	Removes use of HFC emission rates in quantification of baseline emissions. Entire quantity of certified reclaimed HFCs charged to an end-use equipment is estimated to be emitted within the crediting period.	3.1, Table 3
Quantification	Modifies the Equation 1 by removing use of emission rate ($ER_{10_{HFC,j}}$) in quantification of baseline emissions ($BE_{HFC_{CP}}$)	4, Equation 1

¹ [Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2019 – Annex 3 Part A \(epa.gov\)](https://www.epa.gov/greenhouse-gas-emissions-and-sinks)
(Table A-131)