



Ozone protection

EAp3 | Required

Intent

Reduce ozone depletion.

Requirements

Zero use of CFC-based refrigerants in HVAC&R base building systems unless a third party (as defined in the LEED for Existing Buildings Reference Guide) audit shows that system replacement or conversion is not economically feasible.

Definition of required economic analysis: The replacement of a chiller will be considered to be not economically feasible if the simple payback of the replacement is greater than 10 years. To determine the simple payback, divide the cost of implementing the replacement by the annual cost avoidance for energy that results from the replacement and any difference in maintenance costs. If CFC-based refrigerants are maintained in the building, reduce annual leakage to 5% or less using EPA Clean Air Act, Title VI, Rule 608 procedures governing refrigerant management and reporting and reduce the total leakage over the remaining life of the unit to less than 30% of its refrigerant charge.