

Answers to refrigerant recovery and recycling quiz

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Is it okay to use a disposable refrigerant tank to store recycled refrigerant? 6.1

Recycled refrigerant should not be salvaged or stored in disposable refrigerant containers. This is the type of container in which virgin refrigerant is sold. Use only DOT CFR title 49 or UL approved storage containers for recycled refrigerant.

What purity specifications must new recycled or reclaimed R-134a meet?

J2099 is also a purity standard that sets limits for contaminants in recycled R-134a and R-1234yf: 1) moisture—50 ppm by weight, 2) lubricant—500 ppm by weight, and 3) non- condensable gases (air)—1.5% by volume.

Which of these colors identifies a cylinder of R-134a refrigerant? What is the color designation? Originally, Guideline N stipulated different paint colors for refrigerant cylinders for quick and easy recognition, such as light green for R-22, orange for R-404A, light blue (sky) for R-134a, and rose for R-410A.

What is recovery recycling recharging equipment certified to SAE J2788 is designed to? Recovery/recycling/recharging equipment certified to SAE J2788 is designed to recover more of the refrigerant in an A/C system. This means that the equipment is specifically designed to remove and store as much of the refrigerant as possible from an air conditioning system.

Can you reuse refrigerant that is recovered? Refrigerant that is recovered can be reused in the system from which it was taken (if that system simply needed a repair to continue working). However, in order to reuse that refrigerant in another system or to sell it on the market, the recovered refrigerant would need to be recycled or reclaimed.

What color container for recycled refrigerant? This guideline also recommends a universal container color of light green gray (RAL 7044) for all Refrigerants.

Can recovered refrigerant be sold to a new owner once it has been recycled? EPA regulations (40 CFR Part 82, Subpart F) under Section 608 of the Clean Air Act restrict the resale of used ozone-depleting and substitute (e.g., HFC) refrigerant to a new owner unless it has been reclaimed by an EPA-certified refrigerant reclaimer.

Can refrigerant not be called reclaimed unless it? Refrigerants cannot be called “reclaimed” unless they have been chemically analyzed and the refrigerants meet the ARI-700 purity standard.

What is the difference between reclaimed recycled and recovered refrigerant? Recovery is removing refrigerant from the system to a recovery tank. Recycle is to put that refrigerant back into the same system. Reclaim is to process the refrigerant so it gets to original purity. Techs learn this and promptly forget it and just say “reclaim”.

Which of these colors identifies an R-134a refrigerant container?

What type of gloves should never be worn when servicing a C system? More often than not, they will be gloves such as nitrile foam gloves, nylon and lycra covered gloves or latex gloves. None of these will be suitable when working with refrigerant gasses.

Which is heavier, refrigerant or air? Continued operation of your HVAC units with low coolant can damage your compressor. Freon is 4 times heavier than air and sinks to the ground/floor initially when a leak occurs.

What steps should be taken before using a recovery unit to remove charge?

What standard must the R134a recycling equipment meet? (4) Effective January 1, 2008, equipment that recovers and recycles HFC-134a refrigerant and equipment that recovers and recycles HFC-134a refrigerant and recharges systems with HFC-134a refrigerant must meet the standards set forth in Appendix C of this subpart based upon J2788—HFC-134a (R-134a) Recovery/Recycling ...

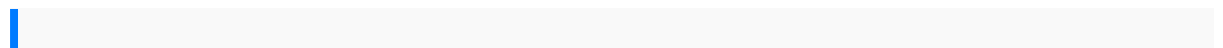
Which refrigerants is exempt from the EPA's recovery mandate? Natural refrigerants such as carbon dioxide, nitrogen, ammonia, and water are exempt from the EPA recovery mandate. Stationary refrigeration systems that use these substances are at much less risk of CARB violations.

Can you store refrigerant in a disposable container? However, among the options given, technicians should not do option A: Store refrigerant in a disposable container. Storing refrigerant in such a container poses risks since the pressure from the refrigerant could lead to a rupture, which can be harmful to both people and environment.

Can you use a disposable cylinder to recover refrigerant? Final answer: The EPA regulations do not allow the use of disposable cylinders to recover refrigerants, even in situations of convenience or emergency. Disposable cylinders are designed for a single use and should not be reused, in accordance with safe and effective refrigerant recovery practices.

Can used disposable refrigerant cylinders be recycled? Empty metal cylinders and canisters that do not contain any liquid residue and are permanently vented to the atmosphere may be disposed of as solid waste in a land fill or recycled as scrap metal where local regulations and available recycling facilities allow.

What should you do if your container of recycled refrigerant exceeds the limit for non-condensables and you can't reduce the pressure enough? Expert-Verified Answer. If your container of recycled refrigerant exceeds the limit for non condensables and you cannot reduce the pressure enough, you can check for leaks, use a filter-drier, and purge excess gas.



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