



**EPA SNAP REFRIGERANT DELISTING FINAL RULE
RETAIL FOOD REFRIGERATION END USE
FREQUENTLY ASKED QUESTIONS
UPDATED: JUNE 19, 2017**

1. What is the EPA SNAP Program?

The U.S. Environmental Protection Agency’s (EPA) Significant New Alternatives Policy (SNAP) is a program to evaluate and regulate ozone-depleting and high global-warming potential (GWP) chemicals as authorized by the Clean Air Act (CAA). As part of the SNAP program, the EPA both approves new and delists (i.e. deems unacceptable for use) existing refrigerants used in various end-use applications, including the food retail, food service and cold storage sectors.

2. What is the SNAP Refrigerant Delisting Final Rule for Retail Food Refrigeration?

On July 2, 2015, the EPA issued its final rule on the delisting of certain hydrofluorocarbon (HFC) refrigerants for use in specific food retail end-use refrigeration applications and communicated alternative refrigerants approved for use. This rule is identified at “Rule 20” on EPA SNAP program website.

The final rule will become effective on August 19, 2015.

3. Is this an official ruling from the EPA?

Yes, this is the final rule and was published in the Federal Register on July 20, 2015.

4. What are the details of the final rule and what are the compliance dates?

The final rule has various compliance dates based the equipment type, end-use application and whether the refrigeration system is new or a retrofit.

The following tables summarize the delisted and acceptable refrigerants for applications that Heatcraft refrigeration equipment is applied:

New Equipment/Installations

Application	Supermarket	Remote CDU (Split Systems)	Stand-Alone Med Temp <2,200 BTUH	Stand-Alone Med Temp >2,200 BTUH	Stand-Alone Low Temp
Compliance Date	January 1, 2017	January 1, 2018	January 1, 2019	January 1, 2020	January 1, 2020
Key Delisted Refrigerants	R-404A, R-507A	R-404A, R-507A	R-404A, R-507A	R-404A, R-507A	R-404A, R-507A
Key Acceptable Refrigerants	R-134a, R-407A/C/F, R-448A, R-449A, R-744	R-134a, R-407A/C/F, R-448A, R-449A	R-290, R-744	R-290, R-744	R-134a, R-290, R-448A, R-449A, R-744



Retrofit Equipment/Installations

Application	Supermarket	Remote CDU (Split Systems)	Stand-Alone Med Temp	Stand-Alone Low Temp
Compliance Date	July 20, 2016	July 20, 2016	July 20, 2016	July 20, 2016
Key Delisted Refrigerants	R-404A, R-507A	R-404A, R-507A	R-404A, R-507A	R-404A, R-507A
Key Acceptable Refrigerants	R-134a, R-407A/C/F, R-448A, R-449A, R-744	R-134a, R-407A/C/F, R-448A, R-449A	R-134a, R-290, R-744	R-134a, R-290, R-448A, R-449A, R-744

5. Does the compliance date listed reflect the manufacture date, date of installation or date of commissioning?

The compliance date refers to the date the equipment is commissioned and ready to operate.

6. What entity is responsible from compliance?

The building owner, operator, end-user is responsible for responsible for compliance and will be the entity fined if the equipment is found to be in noncompliance.

7. What are the definitions of the key applications?

- New Equipment/Installations: A new refrigeration system or component of a refrigeration system (i.e., condensing unit)
- Retrofit: Conversion of equipment from one refrigerant to another or expansion of the refrigeration capacity of a system.
- Supermarket: Components tied to a multiple-compressor rack serving a hypermarket, supermarket, or grocery store such as a unit cooler, refrigerated case or condenser.
- Remote CDU: Remote condensing unit used in a food-service application.
- Stand-Alone Equipment: Self-contained refrigeration system for food service, such as a package unit (PRO3).

8. Do existing refrigeration systems need to be converted to an approved refrigerant?

No. Existing systems using delisted refrigerants can continue to be operated, serviced and maintained if installed or retrofitted prior to the effective date.

9. If a condensing unit or a unit cooler on an existing Walk-in needs to be replaced, does the system need to be converted to an approved refrigerant?

No. The EPA considers this a system repair and not a retrofit provided the replacement unit provides the same system refrigeration capacity. The system can continue to use the delisted refrigerant.



10. If both a condensing unit and unit cooler on an existing Walk-in need to be replaced, does the system need to use an approved refrigerant?

The EPA considers this to be a new installation therefore the refrigerant used must comply with the "new" equipment/installation criteria

11. If a supermarket, restaurant or convenience store are expanding or remodeling, does the refrigeration system(s) need to be converted to an approved refrigerant?

No. If there is sufficient refrigeration capacity within the existing system to support the expansion (e.g. addition of cases, unit coolers), the system can continue to use the delisted refrigerant. However, if the expansion requires additional refrigeration capacity be added, the system must be converted to use an approved refrigerant.

12. If I am installing a condensing unit that is serving a walk-in cooler/freezer in a supermarket application, must I be in compliance by January 1, 2017?

The January 1, 2017, date only applies to components tied to a multiple-compressor rack serving supermarket applications. The application described would need to comply with the Remote CDU date listed of January 1, 2018.

13. What if I am using a multi-compressor rack in a convenience store application, by which date must I be in compliance?

If the multiple-compressor rack is serving a food-service or food-retail function, the application falls under the supermarket end use category and needs to comply by January 1, 2017.

Heatcraft strongly encourages all customers and concerned parties to become familiar with the rulemaking to better understand the potential impact on your business. For additional details on the final rule including a Fact Sheet created by the EPA summarizing the ruling, log onto the EPA's SNAP Program website at <http://www.epa.gov/ozone/snap/index.html>.