



### Colorado - SNAP REGULATORY UPDATE –Dec 2020

Colorado has adopted the defunct Federal SNAP regulations as Colorado State law. Effective beginning January 1, 2021, this law changes the status listing of certain refrigerants used in specific applications. Colorado did this as part of their GHG reporting & Emission Reduction Requirements and in response to the DC Circuit Court revoking the Federal EPA SNAP delisting Rules 20 &21 as they pertained to HFCs. The result is that various HFCS and HFC blends that were previously considered Acceptable substitutes for CFCs and HCFCs in Colorado, have been changed to Unacceptable in specific end-uses in the refrigeration and air conditioning sectors. This rule does not prohibit the manufacture of the refrigerants, only certain uses in specific applications. This rule also does not prohibit the continued repair or servicing of equipment using a restricted refrigerant if the equipment was installed and operating with a restricted refrigerant prior to specific effective date.\*

Specific end uses in the Refrigeration and Air Conditioning sector impacted are:

**RETAIL FOOD REFRIGERATION**

**(New & Retrofit)**

- Supermarket systems
- Remote condensing units
- Stand-alone equipment

**COLD STORAGE WHSES**

**(New Only)**

**COMFORT COOLING CHILLERS**

**(New Only)**

- Centrifugal
- Positive displacement

Below is a partial list of refrigerants used in **RETAIL FOOD REFRIGERATION** that have been affected by the status changes and the corresponding effective date:

|                | <b>SUPERMARKET</b>        |                           | <b>REMOTE COND. UNIT</b>  |                           | <b>STAND -ALONE</b>               |                                   |                                 |
|----------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------------------------|-----------------------------------|---------------------------------|
|                | <b>NEW*</b>               | <b>RETROFIT</b>           | <b>NEW*</b>               | <b>RETROFIT</b>           | <b>MT<br/>&gt; 32° F<br/>NEW*</b> | <b>LT<br/>&lt; 32° F<br/>NEW*</b> | <b>LT &amp; MT<br/>RETROFIT</b> |
| R-404A & R-507 | Prohibited<br>Jan 1, 2021 | Prohibited<br>Jan 1, 2021 | Prohibited<br>Jan 1, 2021 | Prohibited<br>Jan 1, 2021 | Prohibited<br>Jan 1, 2021         | Prohibited<br>Jan1, 2021          | Prohibited<br>Jan 1, 2021       |
| R-407A/C/F     | Okay to<br>use            | Okay to<br>use            | Okay to<br>use            | Okay to<br>use            | Prohibited<br>Jan 1, 2021         | Prohibited<br>Jan 1, 2021         | Okay to<br>use                  |
| R-134A         | Okay to<br>use            | Okay to<br>use            | Okay to<br>use            | Okay to<br>use            | Prohibited<br>Jan 1, 2021         | Okay<br>to use                    | Okay to<br>use                  |



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Below is a chart of refrigerants used in **COLD STORAGE WAREHOUSES** that have been affected by the status changes and the corresponding effective date:

|                     | COLD STORAGE WAREHOUSE     |                 |
|---------------------|----------------------------|-----------------|
|                     | NEW*                       | RETROFIT        |
| R-404A/R-507/R-407A | Prohibited<br>Jan. 1, 2023 | No restrictions |

Below is a chart of refrigerants used in **COMFORT COOLING CHILLERS** that have been affected by the status changes and the corresponding effective date:

|                                       | CENTRIFUGAL &<br>POSITIVE DISPLACEMENT |                 |
|---------------------------------------|--|-----------------|
|                                       | NEW*                                   | RETROFIT        |
| R-134a/R-404a/<br>R-407C/R-410A/R-507 | Prohibited<br>Jan. 1, 2024             | No restrictions |

**\*NOTE:** It is important to understand what Colorado considers to be a “New” system because during the normal repair of an existing system, adding or replacing multiple components over a 3-year period may meet their definition of a “New” system and would, therefore, be prohibited.

**\*New:** products or equipment

- (a) That are manufactured after the applicable effective date
- (b) First installed for an intended purpose with new or used components after the effective date;
- (c) Expanded by the addition of components to increase system capacity after the effective or
- (d) Replaced or cumulatively components such that the cumulative capital cost of replacement after the applicable effective date exceeds 50 % of the capital cost of replacing the whole system.

**Capital cost:** an expense incurred in the production of goods or in rendering services, including but not limited to the cost of engineering, purchase, and installation of components or systems, and instrumentation, and contractor and construction fees.

**Component:** A part of a refrigeration system, including but not limited to condensing units, compressors, condensers, evaporators, and receivers; and all of its connections and subassemblies, without which the refrigeration system will not properly function or will be subject to failures.

**Cumulatively replaced:** means the addition of or change in multiple components within a 3-year period.

For more information:

<https://www.sos.state.co.us/CCR/GenerateRulePdf.do?ruleVersionId=8879&fileName=5%20CCR%201001-26>