



Changing State of Refrigerants – Digest 2023-5

Update on EPA SNAP [Significant New Alternative Policy] Rules

Final Rule 22: In August 2018, the EPA modified the use conditions for (3) Hydrocarbon Refrigerants {R290 Propane, R600a Butane and R441a} in household refrigerators/freezers. This change was made to align with UL Standard 60335-2-24.

Final Rule 23: In April 2021, the EPA approved refrigerants {R32, R452B, R454A, R454B, R4545C, R457A} for use in Residential and light commercial AC and Heat Pump applications. The EPA also approved {R448A, R449A, R449B} for limited use in stationary medium temperature applications where no other low GWP alternative is feasible.

Final Rule 24: In April 2022, the EPA approved HFO refrigerant R1234yf for non-road vehicle use. They also adopted unique access fitting for small cylinders less than 2-lbs

Final Rule 25: In April 2023, the EPA approved the following A2L refrigerants {R32, R1234YF, R452B, R454A, R454B, R454C} for use in Residential Humidifiers and Centrifugal or Positive Displacement Chillers for Comfort Cooling and Industrial Process Air Conditioning *In January 2024, Chiller Manufactures must also meet the requirements of UL Standard 60335-2-40 3rd edition, pertaining to charge limits and leak detection requirements

Proposed Rule 26: In May 2023, the EPA proposed the approval of refrigerants {R32, R1234yf, R454A, R455B, R454C, R455A, R457A, R516A} for use in the following applications with specific use conditions. Commercial Ice Machines, Industrial Process Refrigeration, Cold Storage Warehouses, Ice Rinks, Retail Food Processing/Dispensing and Remote Condensing units.

Also, **Proposed Rule 26** will allow for the venting of R290, and eliminate the need for recovery, which is currently required by the Clean Air Act Section 608

For more info go to:

www.rsd.net/refrigerantsuite/index.php or Call 800-245-8007 ex 00405, or Scan

