



## California Regulations Small Containers of Refrigerant R-134a Refrigerant Cans

### Environmental Hazards Associated with Refrigerant

The State of California has determined that the release of HFC refrigerant 134a, a greenhouse gas, contributes to global warming.

R-134a is a HFC (hydrofluorocarbon) refrigerant and therefore, doesn't deplete the ozone layer like chlorofluorocarbon (CFC), halons, and hydrochlorofluorocarbon (HCFC) refrigerants.

R-134a, however, is considered a high global warming potential gas (GWP) with a GWP rating of 1,430. Compared to Carbon Dioxide (CO<sub>2</sub>) which has a GWP rating of 1. A high GWP rating indicates an increased potential to warm the earth's atmosphere thereby having a greater environmental impact. California Air Resource Board (CARB) law requires that all small containers must have self-sealing valves, improved labeling of the deposit/return program & how-to instructions, as well as an educational program for do-it-yourselfers.

### Venting Prohibition

Section 608 of the Clean Air Act prohibits the intentional release (venting) of any refrigerant when maintaining, servicing, repairing, or disposing of air conditioning or refrigeration equipment, including MVAC systems.

