



# Refreshing Refrigerants

---

What are refrigerants' true impact on the natural environment? A central component in current HVAC systems design, refrigerants directly contribute to global warming. In this presentation, we explore what refrigerants are, as well as their quantifiable impact on global warming. We will delve into natural alternatives, and present successful case studies that have achieved thermal comfort with little to no refrigerants.

## **LEARNING OBJECTIVES**

1. Become familiar with how refrigerants have typically been used and what quantities are present in different HVAC systems.
2. Learn what natural refrigerant alternatives are possible for buildings.
3. Learn what refrigerants are and what impacts they have on the environment.
4. Understand how to quantify the impacts of refrigerants on global warming.