

Refrigerant and the way it works.

1. Match the words with their definitions.

A

refrigerant

substance

liquid

vapor

to condense

to be a far cry from

sulfur dioxide

fluorocarbon

B

is a material with a particular physical characteristics.

is a chemical compounds with carbon-fluorine bond.

means to make a liquid thicker by taking some of the water out of it.

is a chemical substance that can be used to make or keep things cold.

is a gas that has a strong, unpleasant smell and dissolves in water. It's defined as a major air pollutant.

is a gas that escapes from a liquid or solid, especially as a result of heating.

is a substance that is not solid and can be poured easily.

means to be very different from something.

2. Listen and match the dates and the facts.



___ 1805

___ 1920s

___ the early 20th

___ after 1930

___ by 1955

___ 1970s-1980s

___ 1987

1. The first home refrigerator using CFCs was sold.
2. It was discovered that CFCs is harmful to the ozone layer.
3. 80% of American households owned a refrigerator.
4. Thomas Midgley and Charles Kettering invented CFCs and marketed it as Freon.
5. Oliver Evans was the first who described the theoretical basis for vapor compression refrigeration.
6. The international community established the Montreal Protocol, which mandated the global phased-out of ozone-depleting substances.
7. Household use of vapor compression refrigerators and air conditioners emerged.