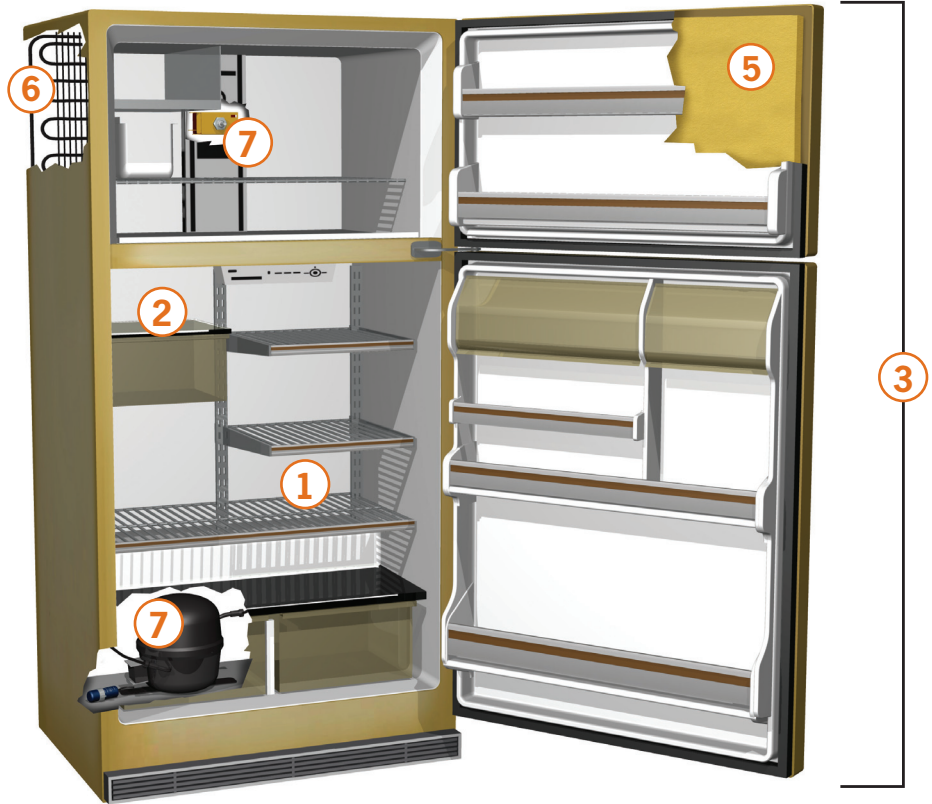


How we recycle your refrigerator

Nearly 100% of each unit is recycled at a Columbus, Ohio recycling facility. All recycling procedures follow guidelines and best practices from the U.S. Environmental Protection Agency (EPA), allowing Vectren to be a utility partner in the EPA's Responsible Appliance Disposal Program.

JACO, a contractor hired to recycle refrigerators for Vectren, safely disposes of toxins and ozone-destroying chlorofluorocarbon (CFC-11) gases from foam insulation. After capturing toxins (oils, mercury, pcbs) and ozone-depleting substances, (CFC 11 and other foam insulation blowing agents and CFC 12 and other refrigerants) JACO recycles all the plastic, metals and glass in the fridge, thus limiting landfill waste.



- 1 Metals and plastics** – Remove interior metal and plastic (crispers and shelves) and recycle. Approximately 150 lbs. of metal and 25 lbs. of plastic is recycled.
- 2 Glass** – Remove and crush glass shelving and ship to nearby glass recycler. On average, 3 lbs. of glass is contained in each refrigerator. Glass is typically used as aggregate material in concrete as it is tempered and cannot be mixed with typical container glass waste streams.
- 3 Refrigerator unit** – Cut appliance into multiple pieces so metal, plastic and foam can be separated. Ship separated plastics and metals to a local handler for resale in recycled commodities markets. Place foam in large plastic bags and seal to prevent escape of gasses.
- 4 Mercury-containing devices** – Remove mercury-containing switches and thermostats and ship to a qualified handler for recycling.
- 5 Polyurethane foam insulation** – Bagged polyurethane foam insulation is shipped to nearby waste-to-energy incinerators for complete and safe destruction. Each refrigerator contains approximately 10 lbs. of polyurethane foam and approximately 1 lb. of CFC-11. Therefore, each bag incinerated will produce 15 kWh of electricity back to the grid.
- 6 Oils and refrigerant** – Puncture cooling circuit to simultaneously evacuate refrigerant-contaminated (CFC-12 or HFC-134a) compressor oils and refrigerant. Heat oils to distill refrigerant. Refrigerant is shipped to qualified handler while the oils can be recycled for use in other industrial equipment.
- 7 Compressor** – Remove capacitor for recycling. Capacitors suspected of containing PCBs are shipped to qualified handler for proper destruction.