

# a DAY IN A LIFE



**KEY POINT**

**Refrigerants are crucial to many aspects of our everyday lives.**

Some ways that refrigerants help us are easy to see, while others are much less obvious. Let's take a look at some ways that refrigerants improve our lives every day.

## 1 Residential & Commercial HVAC

As the world strives to reduce carbon emissions, Opteon™ Refrigerants provide the optimal solution for energy-efficient air conditioners, heat pumps and chillers.

**APPLICATIONS**

- Residential Heat Pumps
- Commercial & Industrial Chillers
- District Heating
- Air Conditioning

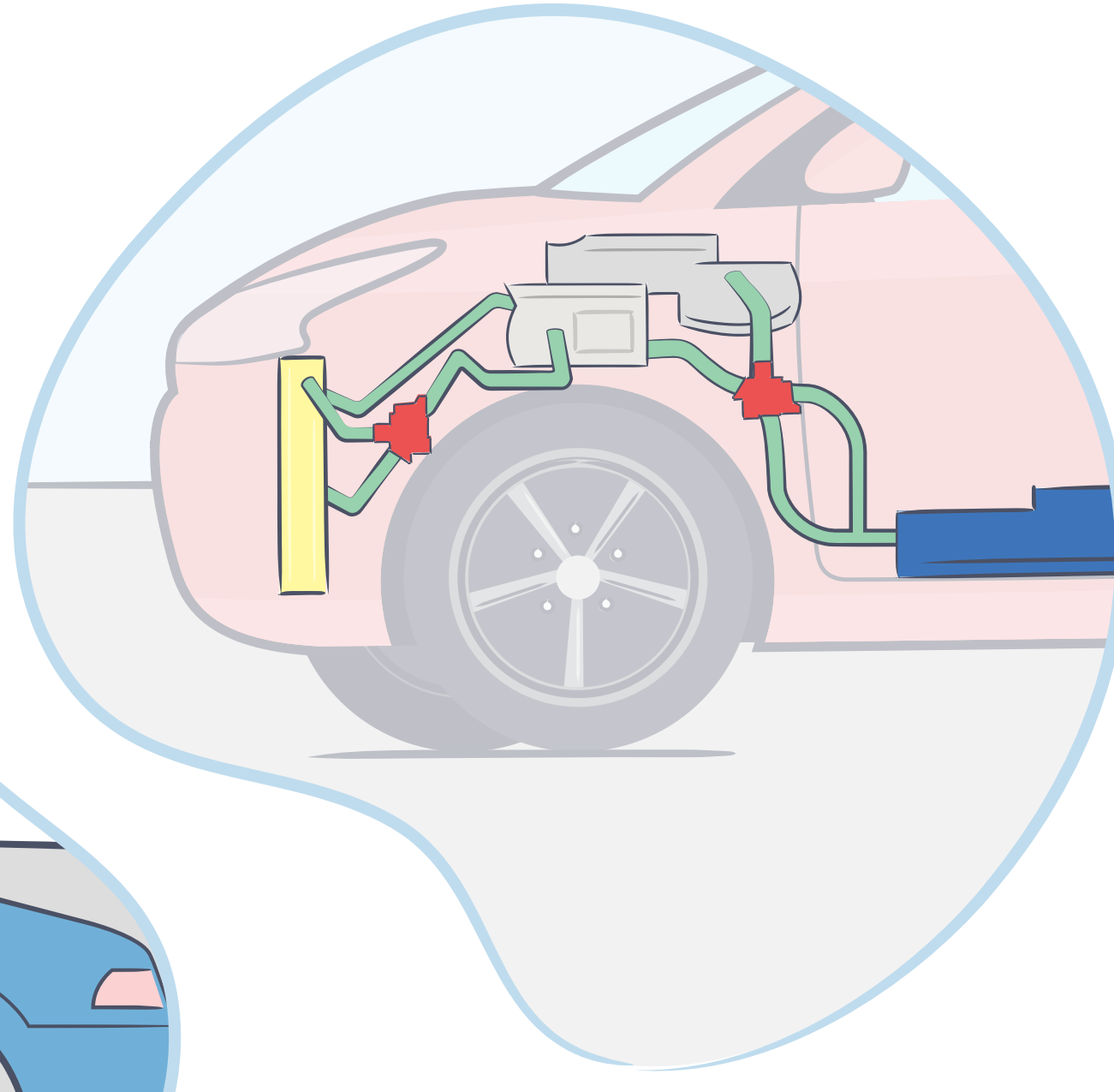
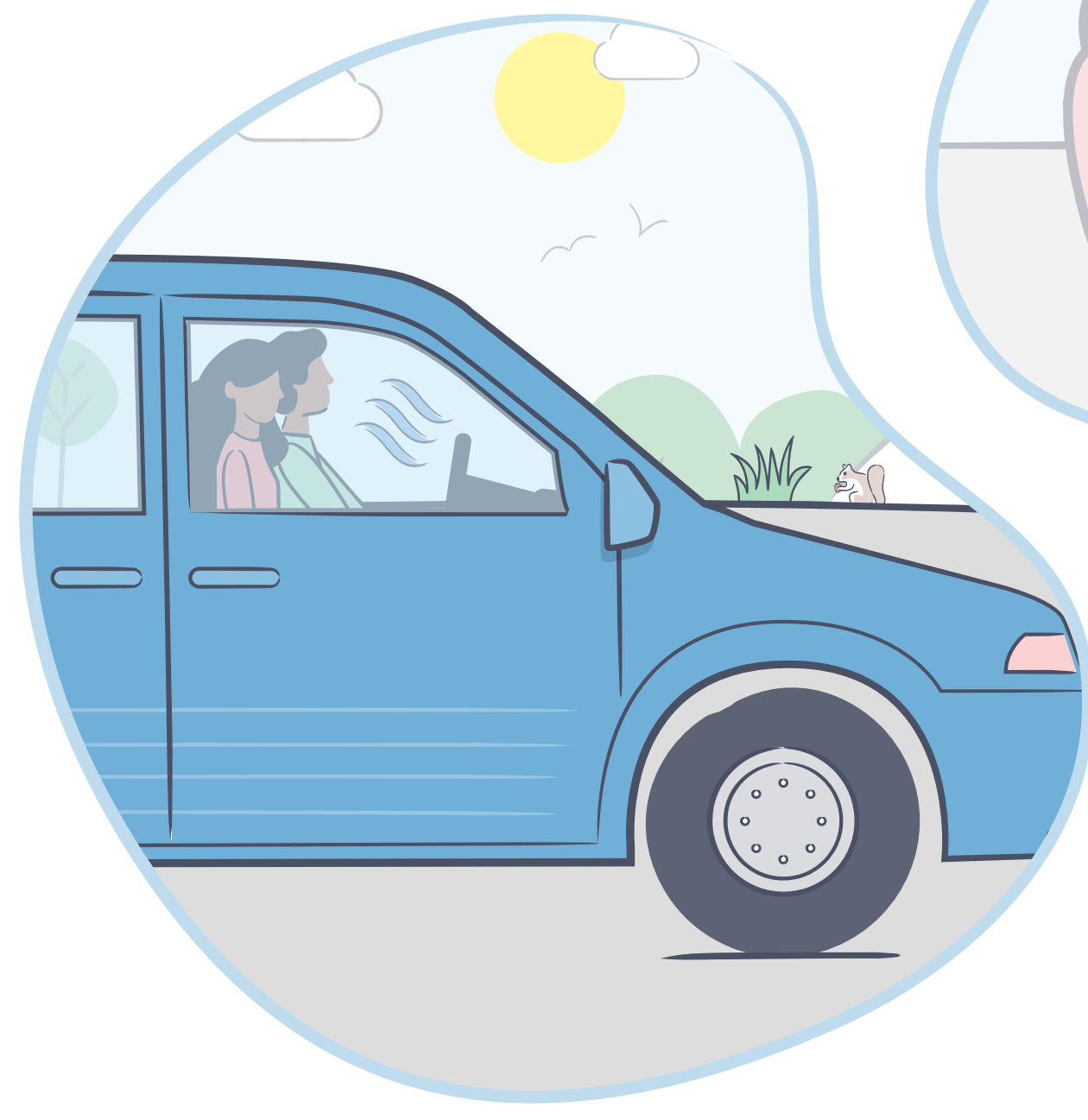


## 2 Mobile Air Conditioning & Thermal Management

Opteon™ YF allows modern car air conditioning systems to run with a reduced environmental impact. Over 80 million cars are already benefitting from an ultra-low GWP HFO. Opteon™ Refrigerants also allow efficient and reliable thermal management for EV batteries and electronics, ensuring the best temperature during operation and charging.

**APPLICATIONS**

- Passenger Vehicles
- Commercial Vehicles
- Electric Vehicles
- Heavy duty vehicles
- Off-road & agricultural equipment

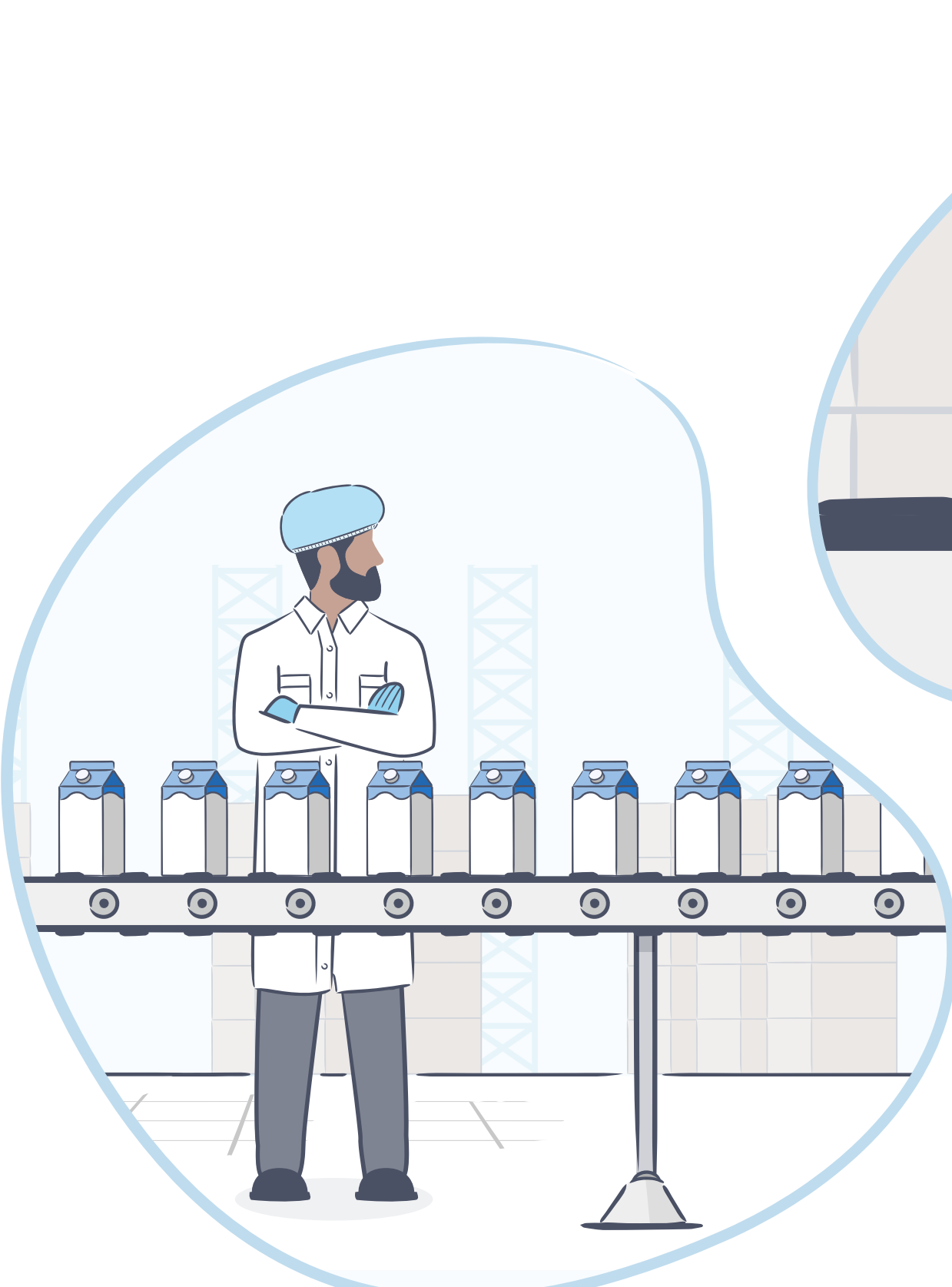
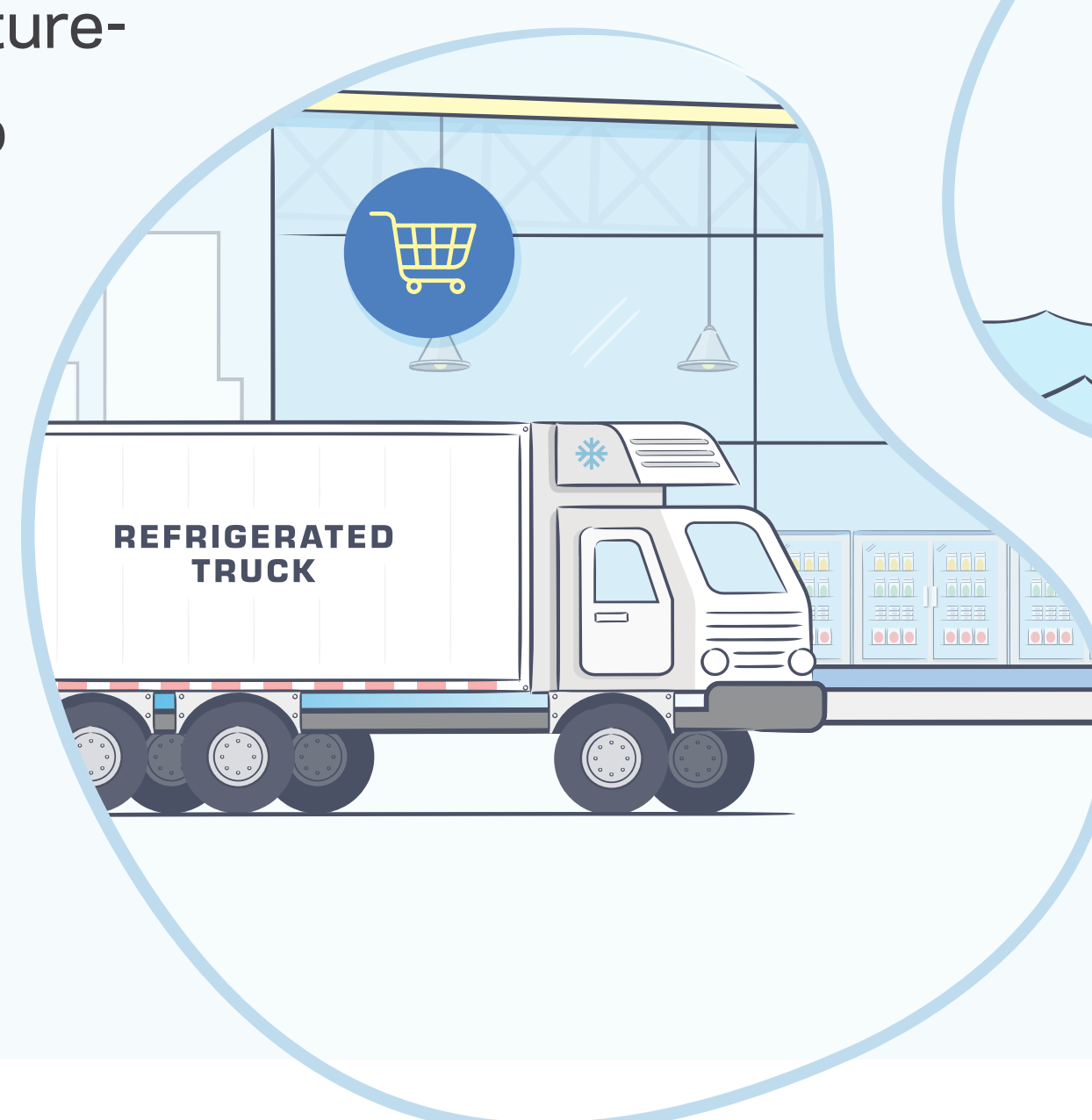


## 3 Transport Refrigeration

Refrigeration makes it possible to move temperature-sensitive items long or short distances, helping to preserve quality and shelf life.

**APPLICATIONS**

- Food & Beverage
- Electronics
- Biological Cargo
- Chemicals
- Pharmaceuticals
- Blood Plasma
- Vaccines



## 4 Industrial Processing

Opteon™ Refrigerants are used in a variety of manufacturing processes across many industries. The food and pharmaceutical industries rely heavily on industrial refrigeration.

**APPLICATIONS**

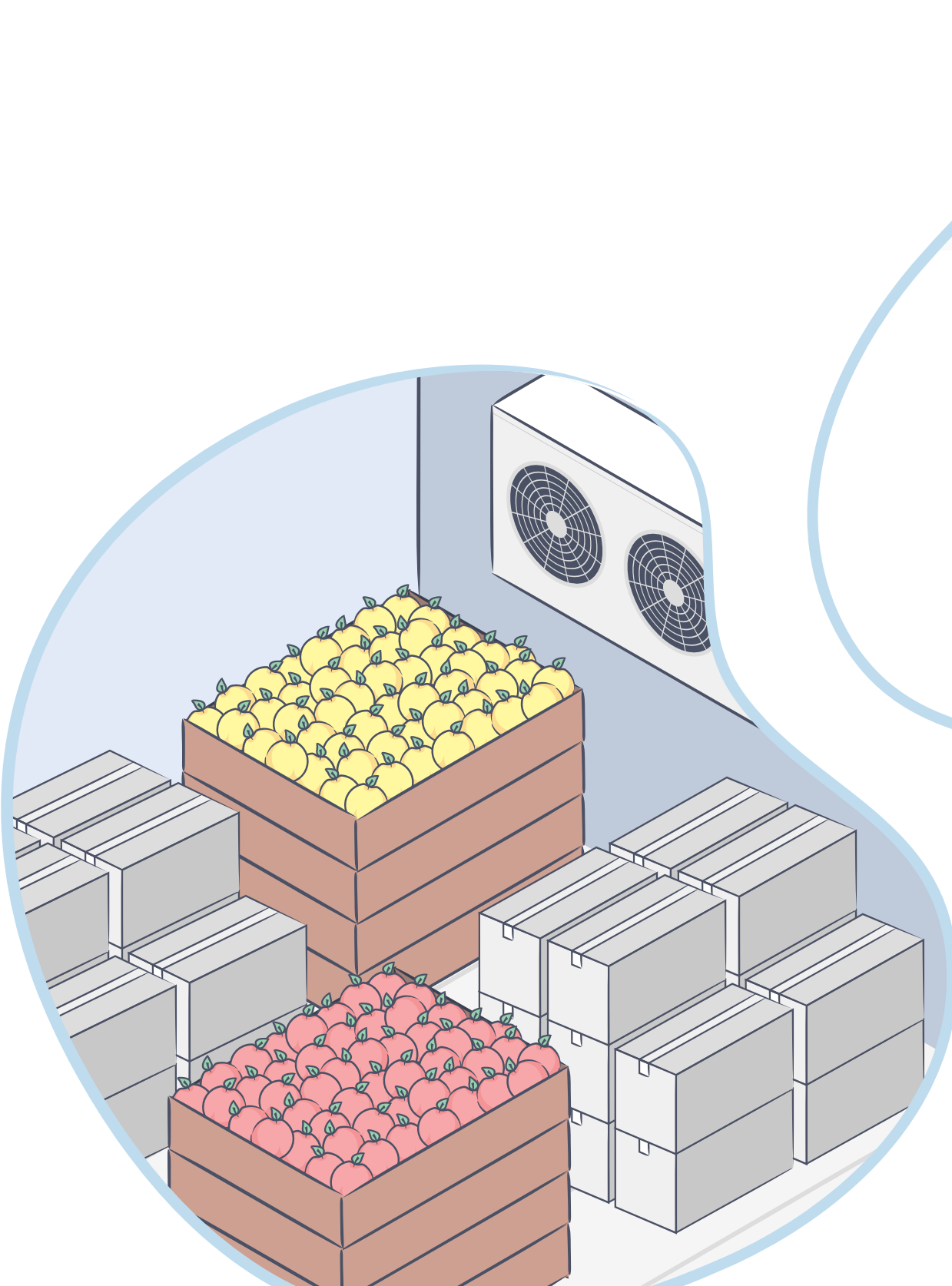
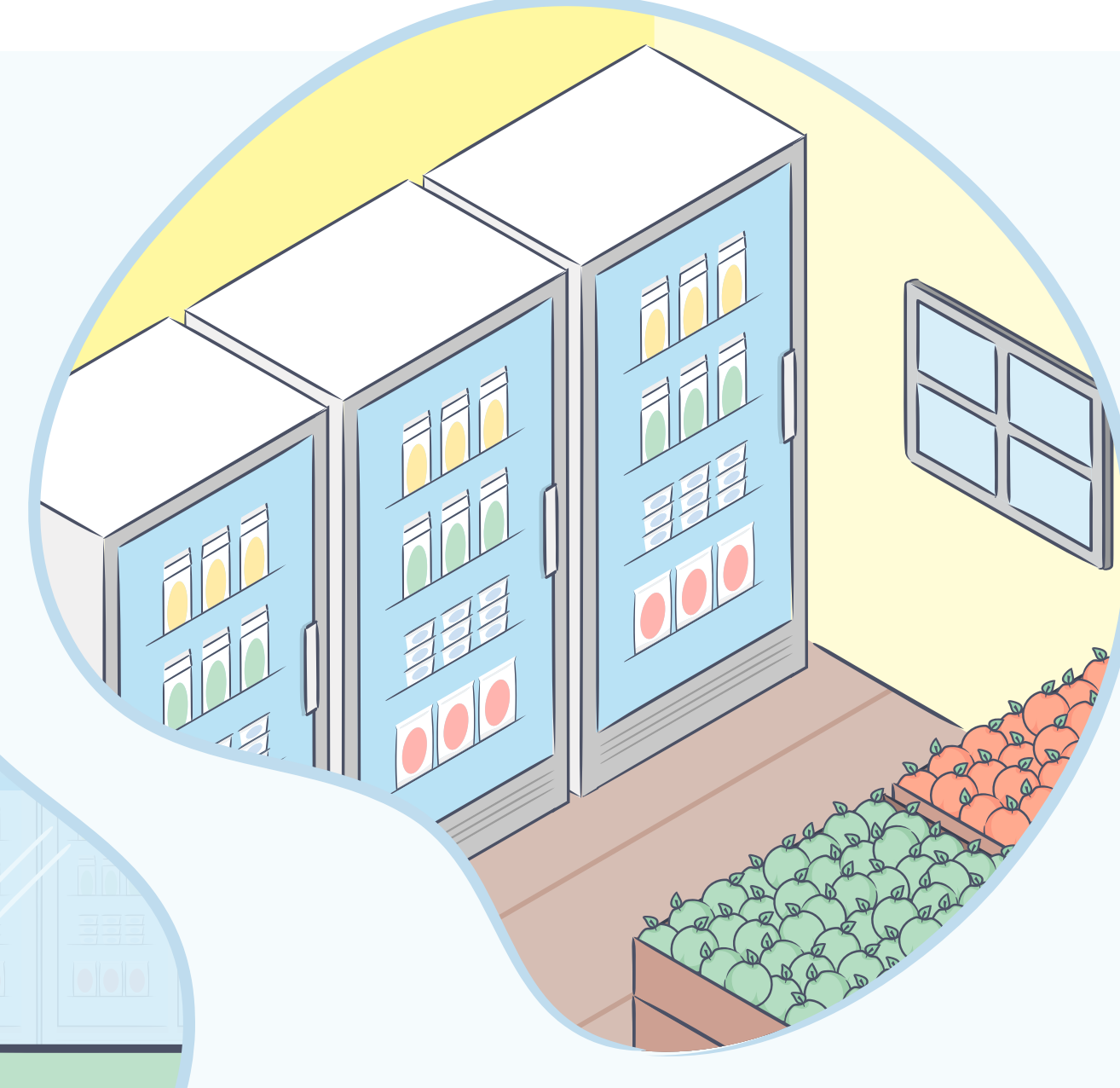
- Food Processing
- Petrochemical Transformation
- Pharmaceutical
- Waste Heat Recovery

## 5 Retail

New-generation refrigerants like Opteon™ XL and Opteon™ XP enable long-term sustainable temperature management for new and retrofit commercial refrigeration applications.

**APPLICATIONS**

- Supermarkets
- Convenience Stores
- Corner Shops



## 6 Cold Storage

Cold storage is required to keep items like fruits, vegetables, or meats stored at the optimum temperature and humidity levels. These items would quickly spoil under normal conditions.

**APPLICATIONS**

- Temperature-Controlled Storage
- Distribution Centers
- Click & Collect
- Ripening Facilities



## The Performance Today Demands. The Future Tomorrow Deserves.

Refrigerants make everyday life better for all of us. And with refrigeration technology becoming more energy-efficient in recent years, new generation refrigerants like Opteon™ XL & XP products are crucial in transitioning to systems with a lower environmental impact.

## Learn More About Opteon™ Refrigerants

Connect with our experts to learn more about Opteon™ products and to find the right solution for your needs.

[Contact Us](#)