

Purification of Carbon Dioxide

Reliable CO₂ purification to food grade quality

ReiCat is the leading company for efficient Gas Purification and Gas Recycling.

Our proven technology ensures particularly energy-efficient purification of carbon dioxide. The reliable removal of various impurities and moisture ensures the supply of high-quality CO₂.

Your application

- Natural gas liquefaction
- CO₂ separation / carbon capture
- CO₂ liquefaction
- Carbonization
- Carbonic acid in food grade quality for the food & beverage industry
- Chemical production

ReiCat advantages

- ☑ Efficient gas purification at point of use
- ☑ Individually designed according to customer specifications
- ☑ Easy integration into the gas supply concept
- ☑ Fully automated operation
- ☑ High availability
- ☑ Long lifetime

Our solution

- Removal of components such as H₂O, O₂, CH₄, Acetone, Hydrocarbons (e.g. Ethane, Ethylene, Propane, Propylene, Benzene, Methanol) and others
- Purification to high-purity gas level $\geq 99,999\%$ (Food Grade Quality)

Industrial Gases Industry – Food Industry



CO₂ Purification 9.000 Nm³/h

Industrial Gases Industry – CO₂ Liquefaction



CO₂ Purification 3.000 Nm³/h