

DRY ICE CO₂ RECOVERY SYSTEM

CiCi[®]Elm

Dry Ice CO₂ Recovery System:

- CO₂ Buffer Tank
- CO₂ Oil-Free Compressor with Cooling Unit
- CO₂ Liquefaction with Refrigeration Unit
- Control System with Remote Monitoring

Capturing and recovering the CO₂ gas generated during dry ice production is highly valuable. Chart's CiCi Elm CO₂ Gas Recovery System specializes in this process. Here are the key benefits:

Cost Efficiency: CO₂ gas recovery translates to cost savings.

Enhanced Productivity: Mitigate production bottlenecks due to CO₂ supply.

Reduce Carbon Footprint & Waste: Integrating CO₂ gas recovery demonstrates a commitment to sustainability, efficiency, and operational excellence.

Key Features:

- CO₂ lbs/hour: Standard solution designs available from 1500 – 3900 lbs/hour, or custom designs outside of this range.
- Modular skid design can fit into limited space available next to a bulk tank, in a facility or cylinder yard, or combination.
- Real-time monitoring software provides at-a-glance look at CO₂ recovery volumes, revenue opportunity, and environmental impact.
- Backed by Chart's post sale support engineering team, remote maintenance monitoring diagnostic and cryogenic experts.

