Carbon Dioxide Gas Purifier for High Purity Applications

- Outperforms carbon-based hydrocarbon traps
- Larger number and variety of contaminants removed
- Optimized for the high flows of process equipment

Description

VICI Metronics gas purifier modules are designed to be placed in-line with the CO₂ gas supply. Patented adsorptive materials capture and retain a broad spectrum of hydrocarbons, halocarbons, and other contaminants that can be present in your CO₂ gas delivery system. The contaminants are retained for the operating life of the purifier.

The gas purifier modules offer dramatic reductions in most contaminant levels and adsorb a larger number and variety of contaminants than other commonly used adsorptive materials. The performance is optimized by incorporating a multiple bed format so that each successive bed functions at a lower contaminant concentration. The result is a series of contaminant concentration gradients across the length of the CO₂ purifier module.

The CO₂ gas purifier has been optimized for the high flow CO₂ gas supply used on process equipment, and has been shown to outperform the carbon-based hydrocarbon traps previously used for this application. A module is typically good for four tanks of CO₂.