

Purge Gas Generator Systems

Features:

- Reduces CO₂ to less than 1 ppm.
- Reduces water vapor to less than 1 ppm.
- Compact, lightweight design saves space and is easy to install.
- Inlet filter 0.01 micron coalescing with automatic drain included.
- Outlet filter/regulator with gauge included.
- Operating pressure 50 to 120 psig (14 l/m).
- Operating pressure 50 to 150 psig (28 & 80 l/m).
- Continuous self-regenerative operation.
- Sound insulated enclosure. 115 Volts AC, 6 watts.
- Power cord with plug included.

The Purge Gas Generator Systems are designed to continuously remove water vapor and CO₂ gas from compressed air and inert gases. The units use 13X molecular sieve media with the pressure-swing adsorption process to reduce levels of CO₂ to below 1 ppm and reduce water vapor content to less than -100°F dew point. The dual tower design provides continuous uninterrupted operation.



| Model Number | TOC-PG3 | CO2-PG14 |
|---|---------|----------|
| Max Flow Capacities at 100 psig (Liters/minute) | | |
| Inlet Flow | 13.2 | 25.1 |
| Purge Flow | 5.5 | 10.3 |
| Outlet Flow | 7.7 | 14.8 |
| Inlet and Outlet Connections (NPT) | 1/8" | 1/4" |
| Dimensions (inches) | | |
| Height | 10.5" | 12.5" |
| Width | 12.5" | 16" |
| Depth | 4.5" | 5" |
| Weight (pounds) | 6.5 | 10.8 |

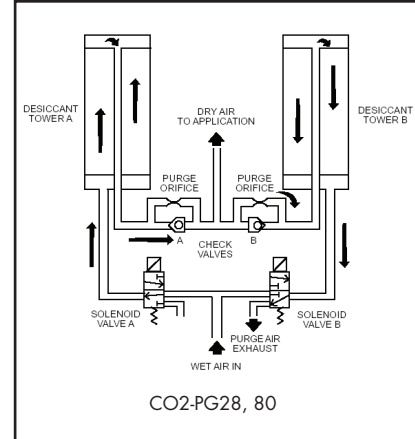
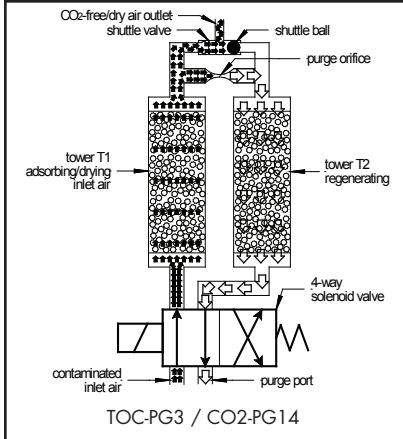
Contact factory for additional flow capacities 50 to 120

| Model Number | CO2-PG28 | CO2-PG80 |
|---|----------|----------|
| Max Flow Capacities at 125 psig (Liters/minute) | | |
| Inlet Flow | 48 | 114 |
| Purge Flow | 16 | 34 |
| Outlet Flow | 32 | 80 |
| Inlet and Outlet Connections (NPT) | 1/4" | 1/4" |
| Dimensions (inches) | | |
| Height | 19.2" | 27.7" |
| Width | 17.2" | 17.2" |
| Depth | 6.2" | 6.2" |
| Weight (pounds) | 20 | 25 |

Contact factory for additional flow capacities 50 to 150

Typical Applications:

- TOC Analyzers
- Continuous Emissions Monitoring
- Environmental Instruments
- FTIR Spectrometers
- Gas Chromatographs
- Laboratory Analyzers
- NMR Spectroscopy
- Zero Air Systems



For additional information please go to our web site @ airdryers.com

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