

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

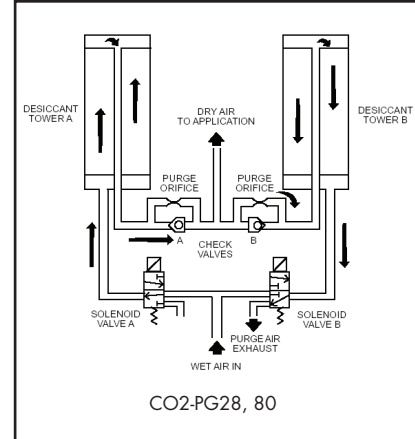
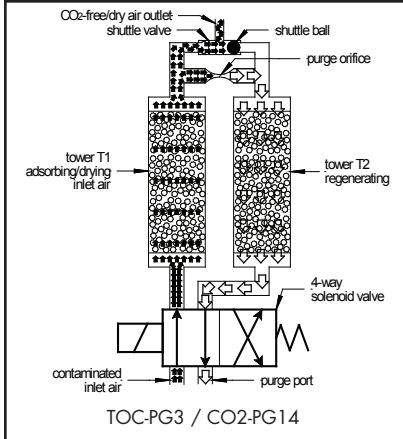
Contact factory for additional flow capacities 50 to 120

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

**TWIN TOWER
ENGINEERING**

PO BOX 879
2150 W. 6TH AVE UNIT P
BROOMFIELD, CO 80020
TEL 800-700-8537
FAX 303-465-9294
SALES@AIRDRYERS.COM