Texol TOC Gas Generator

Our high purity TOC gas generator that provides flexibility and outputs of up to 3L/min

Overview

Utilising Pressure Swing Adsorption (PSA) technology our TOC generator provide ideal performance, efficiency and reliability. Ultra dry air containing less than 1ppm of CO_2 free of TOC (Total Organic Carbons) is delivered as required. The design of the scrubber allows it to be easily wall or stand mounted.

Our TOC generator provides flexibility to match your system requirements. The system can deliver a variety of flow rates and pressures to suit your specifications.

Features and benefits

• Flow Rates of up to 3L/min
• Less than 1 ppm CO_2 in output air
• Output Dew point of less than -70°C
• PSA technology
• Output Pressure 3.5 to 8.5 barg (50 to 125 psig)
• Easy Installation
• Simple maintenance
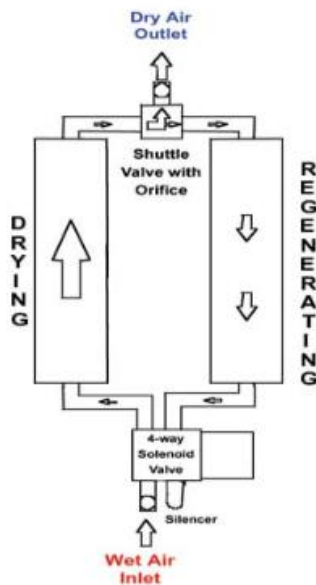
How it works

Air from an external source enters the generator via the inlet filters. Air then enter the first desiccant chamber via a solenoid valve. After passing through the desiccant chamber the now dry and CO_2 free air exits the system via an outlet filter and regulator. A portion of the outlet air is diverted into the second desiccant chamber to purge it ready for use. At regular intervals the active tower switches allowing each tower to be purged in turn.

Technical specifications

Model	TOC
Output Air CO_2 Concentration	< 1ppm
Output Air Dewpoint	-73°C / -100°F
Max outlet flow	3 l/min
Operating pressure	3.5 to 8.5 Barg (50 to 125PSIg)
Input air requirement	10l/min
Max input air temperature	37°C / 100°F
Reservoir capacity	0.75l
Weight (kg/lbs)	8/17.6
Depth (mm/inch)	150 / 5.9
Height (mm/inch)	400 / 15.7
Width (mm/inch)	300 / 11.8

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