

APEX TOC GENERATOR

Features and benefits

- ◇ flow rates of up to 5.1 litres/min
- ◇ Output CO₂ concentration of <1ppm
- ◇ Operating pressure range of 3.5 Bar (50psi) to 8.2 Bar (120psi)
- ◇ Output dew point of -73°C
- ◇ PSA technology
- ◇ Easy installation
- ◇ Simple maintenance



TOC

Description

Utilising Pressure Swing Adsorption (PSA) technology our TOC generator provides ideal performance, efficiency and reliability. Ultra dry air containing less than 1ppm of CO₂ and free of TOC (Total Organic Carbons) is delivered as required. The generator is mounted in its own enclosure that allows it to be easily wall or stand mounted. Our TOC generator provides flexibility to match your system requirements. Each system can deliver a variety of flow rates and pressures to suit your specifications.

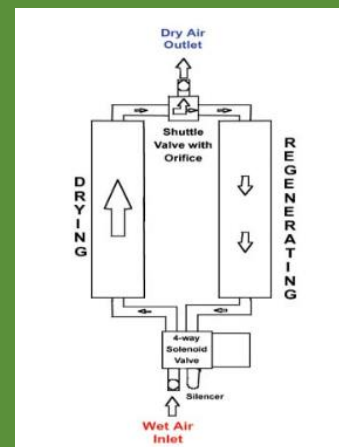
APEX
GASGEN

Technical specifications:

Model	TOC
Output Air CO ₂ Concentration	< 1ppm
Output Air Dewpoint	-73°C / -100°F
Max Air inlet temp.	50°C / 125°F
Weight	8kg / 17.6lbs
Depth	150mm / 5.9"
Height	400mm / 15.7"
Width	300mm / 12"
output at operating pressure of 6.9Barg/100psig	5.1 l/min
Inlet air requirement at operating pressure of 6.9Barg /100psig	8.8 l/min
Inlet/outlet ports	1/4"

How it works:

Air from an external source enters the generator via the inlet filters. Air then enter the first scrubber tower via a solenoid valve. After passing through the scrubber tower the now dry and CO₂ free air exits the system via an outlet filter and regulator. A portion of the outlet air is diverted into the second scrubber tower to purge it ready for use. At regular intervals the active tower switches allowing each tower to be purged in turn.



Warranty:

All Apex units are supplied with our standard 1 year warranty. Accompanied with our on-going care and servicing facilities Apex provides the highest quality peace of mind.

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