

Brezza by CLAI ND

AirGen GC



*“The expression
of purity”*

UHP Air Generator



MODEL

AirGen GC

- ✓ **UHP Zero Air** perfect for NPD, FID, FPD
- ✓ **Platinum Palladium scrubber** for HCT removal
- ✓ **Parallel connection up to 4 stacked generators with tower configuration**
- ✓ **CPU with Touch Screen Display**



FEATURES

- **Modular configuration**
- **Equipped with PSA dryer**
- **Able to feed up to 8 FIDs**
- **Platinum Palladium HC system for HCT integral removal < 0,1 ppm for an absolutely stable and disturbante free baseline**
- Easy integration with Brezza series dedicated air compressor (AirComp)
- Very high purity also guaranteed by an innovative control software, interfaced with the CPU
- **CPU with Touch Screen Display connectable with CAN-BUS to the generators (up to 32 units), allows the monitor of the operational status, menus with report alarms and functioning parameters. The CPU include also an Ethernet output for the connection to PCs**



APPLICATIONS

Gas Chromatography



TECHNICAL SPECIFICATIONS

FLOW RATE	3000 NmL/min \pm 10% a 2000 m slm
TECHNOLOGIES EMPLOY	PSA CLAIND + catalytic reactor Pt/Pd
OUTPUT PRESSURE	0 - 6 bar/0 - 87 psi \pm 3%
PURITY	HCT < 0,1 ppm
MOISTURE	< -50 °C dew-point ATP \pm 2°C ATP
AIR INPUT CHARACTERISTICS	Particulate \leq 0,01 mm Oil Vapors \leq 0,01 mg/m ³ Moisture \leq 3° C dew point ATP min pressure: 8 bar/115 psi Air flow rate: 8 NI/min
ELECTRICAL SUPPLY	115 Vac \pm 10% 60 Hz 250W 230 Vac \pm 10% 50 Hz 250 W
INDEX OF PROTECTION	IP20
NOISE	< 50 dBA for the 98% of operation time < 60 dBA for 2 sec. each cycle
OPERATING TEMPERATURE	5°C fino 35°C (41°F fino 95°F)
ENVIRONMENTAL HUMIDITY	max 90% without condensation
MAX ALTITUDE	2000 m slm
DIMENSIONS	Height : 40 cm + 7 cm/15.8" + 2.8" Width: 38 cm/14.9" Depth: 53 cm/20.8"
WEIGHT	28 kg/62 lbs
PNEUMATIC CONNECTIONS	Compressed air inlet: G 1/8" female Purified air output: G 1/8" female
WARRANTY	2 years

TECHNOLOGY

PSA technology (Pressure Swing Adsorption)

CERTIFICATIONS



PSA with CMS and international patent **FAST PURITY®**





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