

Brezza *by* CLAI ND

Zero Air



*“Imagine clean air
is now easy”*

Zero Air purifier



MODELS

ZeroAir 5

ZeroAir 20

- ✓ The **excellent solution for FID and FPD** with guaranteed an **absolutely stable disturbance-free baseline**
- ✓ It is the expression of **simplicity**, requires only to switch it on to supply Zero Air HCT free
- ✓ It includes special **reactor Pt / Pd** studied by CLAIND and **successfully used in over 2000 installations**
- ✓ **Economic**, connected at 4 FID the **payback is less than 1 year**



FEATURES

- Dual Bench-top/Wall-mounting version
- High efficiency **Palladium-Platinum HC system for removal of HCTs < 0,1 ppm at catalizing low temperature for an absolutely stable and disturbance-free baseline**
- ZeroAir series is able to serve from 14 up to 55 FID
- Facility for integration with a Brezza series dedicated air compressor (AirComp)
- Catalyzer Temperature monitor included
- Possibility of parallel connections

APPLICATIONS

Gas Chromatography
(FID, THC, NOX, BTX E SOX analyzers)



TECHNICAL SPECIFICATIONS

FLOW RATE	ZeroAir 5: 5 NI/min \pm 10% a 2000 m slm ZeroAir 20: 20 NI/min \pm 10% a 2000 m slm
TECHNOLOGIES EMPLOY	Platinum-Palladium catalytic reactor
EFFICIENCY	TOTAL HYDROCARBONS RESIDUAL WITH CATALYZER < 0,1PPM HC REMOVAL EFFICIENCY: - METHANE > 99% - AROMATICS (BTX) AND YDROCARBONS STARTING FROM C ₃ H _N > 99,5% - CARBON MONOXIDE (CO), HYDROGEN (H ₂) ETHYLENE AND PROPYLENE > 99,9%
OUTPUT PRESSURE	0 - 10 bar/0 - 145 psi \pm 3%
AIR INPUT CHARACTERISTICS	Particulate \leq 0,01 mm Oil vapors \leq 0,01 mg/m ³ Moisture \leq -15° C dew point ATP
ELECTRICAL SUPPLY	ZeroAir 5 115 Vac \pm 10% 60 Hz 180W 230 Vac \pm 10% 50 Hz 180W ZeroAir 20 115 Vac \pm 10% 60 Hz 450 W 230 Vac \pm 10% 50 Hz 450 W
INDEX OF PROTECTION	IP20
OPERATING TEMPERATURE	5°C - 35°C (41°F - 95°F)
ENVIRONMENTAL HUMIDITY	max 80% without condensation
MAX ALTITUDE	2000 m sml
DIMENSIONS	Height: 35 cm/13.8" Width: 20 cm/7.9" Depth: 16 cm/6.3"
WEIGHT	ZeroAir 5 7 kg/15 lbs ZeroAir 20 9 kg/20 lbs
PNEUMATIC CONNECTIONS	Compressed air inlet: G 1/8" female Purified air output: G 1/8" female

TECHNOLOGY

Palladium-Platinum HC system

CERTIFICATIONS





C L A I N D

Via Regina 24
22016 Tremezzina
Loc.Lenno (CO)
Italy

Ph. +39 0344 56603
Fax +39 0344 56627
Email: info@claind.it
Website: www.claind.eu