## Brezza by C L A I N D

# Zero Air



"Imagine clean air is now easy"

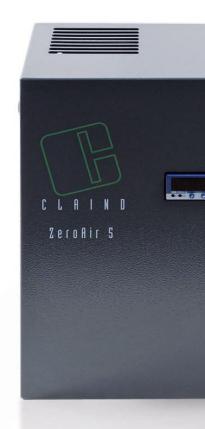
Zero Air purifier



#### **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 PI / 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 ± 10% a 2000 m slm ZeroAir 20: 20 NI/min ± 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 $c_3H_N > 99,5\%$ - Carbon monoxide (co), hydrogen ( $H_2$ ) ethylene and propylene > 99,9%
OUTPUT PRESSURE	0 - 10 bar/0 - 145 psi ± 3%
AIR INPUT CHARACTERISTICS	Particulate ≤ 0,01 mm  Oil vapors ≤ 0,01 mg/m³  Moisture ≤ -15° C dew point ATP
ELECTRICAL SUPPLY	ZeroAir 5 115 Vac ±10% 60 Hz 180W 230 Vac ±10% 50 Hz 180W ZeroAir 20 115 Vac ±10% 60 Hz 450 W 230 Vac ±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**









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

Ph. +39 0344 56603 Fax +39 0344 56627 Email: <u>info@claind.it</u>

Website: www.claind.eu