

Zero Air

**Zero Air purifiers
for Gas Chromatography**
(FID, THC, NOX, BTX E SOX analyzers)



**ZeroAir 5
ZeroAir 20**

ZeroAir 5/ZeroAir 20

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)
- temperature marker for the catalyzer
- Possibility for parallel connection



TECHNICAL FEATURES

FLOW RATE

5 / 20 NI/min

TECHNOLOGIES EMPLOYED

Platinum-Palladium catalytic reactor

EFFICIENCY

- TOTAL HYDROCARBONS RESIDUAL WITH CATALYZER	< 0,1 PPM
- HC REMOVAL EFFICIENCY:	
- METHANE	> 99%
- AROMATICS (BTX) AND HYDROCARBONS 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

COMPRESSOR

no

AIR INPUT CHARACTERISTICS

particulate ≤ 0,01μm
oil vapors ≤ 0,01 mg/m³
moisture ≤ 3° C dew point ATP

ELECTRICAL SUPPLY

ZeroAir 5

115 Vac ±10% 60 Hz 150 W
230 Vac ±10% 50 Hz 150 W

ZeroAir 20

115 Vac ±10% 60 Hz 300 W
230 Vac ±10% 50 Hz 300 W

INDEX OF PROTECTION

IP20

OPERATING TEMPERATURE

5°C - 40°C/40°F - 100°F

ENVIRONMENTAL MOISTURE

≤ 80%

MAX ALTITUDE

2000 m asl

DIMENSIONS

height

28,5 cm/11.2"

width

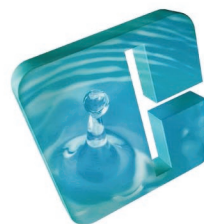
20 cm/7.9"

depth

14 cm/5.5"

WEIGHT

6 kg/13.2 lbs



ACCESSORIES

Installation kit

Dryer membrane

Coalescing filter

Automatic 2 sources switch kit

Instrument Solutions

Technology for Your Success!

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