

Distribuido en España por:



## ZA KFID Air

### Zero Air generator

The AirGen series **ZA KFID Air** is able to remove the total hydrocarbons to less than 0.05 ppm from the external compressed Air. Very compact, the ZA KFID Air can purify up to 15 L/min of compressed Air and can bear a pressure up to 7 bar (101 PSI). The filtration of the hydrocarbons is performed by using a catalytic oven filled with palladium.

The reduction of hydrocarbons, including methane, and carbon monoxide decrease the background noise level and gives much better baseline stability, considerably increasing detector sensitivity and ensuring precise analytical results. High efficiency coalescing pre-filtration and post filtration of particulate size greater than 0.01 microns are used to prevent any kind of particles from entering the analytical device.

The ZA KFID Air has a very simple and efficient interface. It can also be managed by the Hydrogen series KUBE is ideal to supply Hydrocarbon free Air to FID detectors.

#### Main Applications

- GC-FID
- GC-NPD
- GC-FPD
- GC-PFPD
- THA
- Gas sensing

#### Main advantages

- ✓ Easy use and quick installation
- ✓ High flow rate up to 3 L/min
- ✓ Pressure up to 7 bar
- ✓ RS 485 as standard
- ✓ Purity: < 0.05 ppm THC
- ✓ No maintenance
- ✓ Reduced foot print
- ✓ Stackable with KUBE



## Specifications



Models: ZA KFID Air	1.5	3.0
<b>Zero Air outlet</b>		
Flow rate (max)	1.5 l/min	3.0 l/min
Outlet pressure (min)	Inlet pressure – 0.5 bars (8 psi) @ maximum flow	
Outlet pressure (max)	6.5 bars (94 psi)	
Total hydrocarbon content	< 0.05ppm	
<b>Air inlet</b>		
Max inlet hydrocarbon content	100ppm	
Min supply pressure	3 bars (43psi)	
Max supply pressure	10 bars (145 psi)	
Dew point	< -20°C	
Temperature (min; Max)	1°C (34°F); 35°C (95°F)	
<b>Communication</b>		
RS485	Standard	
<b>General data</b>		
Supply voltage	100-240Vac 50/60Hz	
Connection type	IEC320-C13	
Installation power (max)	240W (280VA)	
Fuse rating (5x20mm)	4A	
Dimensions (WxDxH)	25x30x12 cm	
Net weight	< 8 kg	
<b>Connections</b>		
Outlet port	1/8" female BSPP	
Inlet port	1/8" female BSPP	
Water purge	Threaded ISO M5 female	
<b>Operating conditions</b>		
Working Temperature	5-40°C (41-104°F)	
Storage Temperature	1-50°C (34-122°F)	
Humidity (max, non condensing)	80% at 25°C (77°F)	
Noise	<25dB(A)	
IP rating	IP20	
Pollution degree rating	2 (with no aromatic compounds)	
Altitude	< 2000m	



### Ordering codes Gas Generators

6920.26.015

ZA KFID Air 1.5

6920.26.030

ZA KFID Air 3.0

### Consumable

6930.00.150

Inlet filter Cartridge for ZA-FID



**LNI GGI srl**  
www.lni-swissgas.eu

**Ingeniería Analítica**  
Chromatography & Spectrometry

Avda. Cerdanyola, 73 4º izquierda 08172 Sant Cugat del Vallés (Barcelona) SPAIN  
Tel. +34 902 45 66 77 | www.ingenieria-analitica.com | e-mail: inf@ingenieria-analitica.com