

Distribuido en España por:

ZA FID Air

Zero Air generator

The AirGen series ZA FID Air is able to remove the total hydrocarbons to less than 0.05 ppm from the external compressed Air. Very compact, the ZA FID 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 FID Air has a very simple and efficient interface. It can also be managed by the HydroGen series HG PRO and HG BASIC and 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 15 L/min
- ✓ Pressure up to 7 bar
- ✓ RS 485 as standard
- ✓ Purity: < 0.05 ppm THC
- ✓ No maintenance
- ✓ Reduced foot print
- ✓ Stackable with HG BASIC and HG PRO



Specifications



Models: ZA FID Air	1.5		3.0		6.0		15.0		
Zero Air outlet									
Flow rate (max)		1.5 l/min		3.0 l/min		6.0 l/m		15.0 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							
Air inlet									
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)							
Communication									
RS485		Standard							
General data									
Supply voltage		100-240Vac 50/60Hz							
Connection type		IEC320-C13							
Installation power (max)		240W (280VA)							
Fuse rating (5x20mm)		4A							
Dimensions		44x27x14(H) cm							
Net weight		< 8 kg				< 10 kg			
Connections									
Outlet port		1/8" female BSPP							
Inlet port		1/8" female BSPP							
Water purge		Threaded ISO M5 female							
Operating conditions									
Temperature		5-35°C (41-95°F)							
Humidity (max, non condensing)		80% at 25°C (77°F)							
Noise		<25dB(A)							
IP rating		IP20							



Ordering codes Gas Generators

6920.25.015
6920.25.030
6920.25.060
6920.25.150

ZA FID AIR 1.5
ZA FID AIR 3.0
ZA FID AIR 6.0
ZA FID AIR 15.0

Consumable

6930.00.150

Inlet filter Cartridge for ZA-FID



LNI GGI srl
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