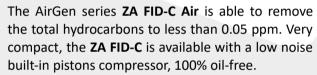
ZA FID AIR C

Zero Air generator with integrated air compressor



The filtration of the hydrocarbons is performed 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-C** 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 6 L/min
- ✔ Pressure up to 7 bar
- RS 485 and RS232 as standard
- ✔ Purity: < 0.05 ppm THC</p>
- ✓ Dew-point <-30°C</p>
- Reduced foot print
- Stackable with HG BASIC and HG PRO









Specifications

Models: ZA FID AIR C	1.5	3.0	6.0	
Zero Air outlet				
Flow-rate (max)	1.5 l/min	3.0 l/min	6.0 l/min	
Outlet pressure (min)	2 bars (29 psi)			
Outlet pressure (max)	7 bars (100 psi)			
Total hydrocarbon content	< 0.05ppm			
Dew-point	<-30°C			
Communication				
RS485	Standard			
RS232	Standard			
General data				
Supply voltage		110 or 230Vac 50/60Hz		
Connection type	IEC320-C13			
Rated power (max)	750W			
Fuse rating (5x20mm)	4A			
Dimensions	27(W) x 41(H) x 44(D)cm			
Net weight	35 kg			
Noise	58dB(A) @ 1,5 m from front			
Connections				
Outlet port	1/8" female BSPP			
Water drain port	1/8" female BSPP			
Operating conditions				
Temperature		5-35°C (41-95°F)		
Humidity (max, non condensing)		80% at 25°C (77°F)		
IP rating		IP20		

Ordering codes Gas Generators

6920.25.115 ZA FID AIR C 1.5 6920.25.130 ZA FID AIR C 3.0 6920.25.160 ZA FID AIR C 6.0

Consumable

6930.00.180 Filter elements for ZA FID AIR C



LNI Swissgas

www.lni-swissgas.eu