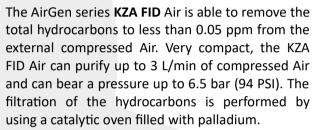
KZA FID Air

Zero Air generator



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 KZA FID 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 6.5 bar
- RS 485 as standard
- ✔ Purity: < 0.05 ppm THC</p>
- ✓ No maintenance
- Reduced foot print
- Stackable with KUBE









Specifications

Models: KZA FID Air	1.5	3.0
Zero Air outlet		
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	
Air inlet		
Air Inlet requirement	ISO 8573-1:2010 Class [2:4:1]	
Max inlet hydrocarbon content	100ppm	
Min supply pressure	3 bars (43psi)	
Max supply pressure	10 bars (145 psi)	
Temperature (min; Max)	1°C (34°F); 35°C (95°F)	
Communication		
RS485	Standard	
General data		
Supply voltage	100-240Vac (±10%) 50/60 Hz	
Connection type	IEC320-C14	
Nominal power (max)	240W (280VA)	
Fuse rating (5x20mm)	4A (250Vac – T)	
Dimensions (M v D v II sm)	26x30x13 (Max footprint without external filter/regulator assembly)	
Dimensions (W x D x H cm)	26x40x16 (Max footprint with external filter/regulator assembly)	
Net weight	< 8 kg	
Connections		
Outlet port	1/8" female BSPP	
Inlet port	1/8" female	BSPP
Water purge	Threaded ISO M5 female	
Operating conditions		
Working Temperature	5-40°C (41-104°F)	
Storage Temperature	1-50°C (34-122°F)	
Humidity (max, non condensing)	80% [5-40°C (41-104°F)]	
Noise	<35dB(A)	
IP rating	IP20	
Pollution degree rating	2 (with no aromatic compounds)	
Altitude	< 2000m	



Ordering codes Gas Generators

6920.26.015 KZA FID Air 1.5 6920.26.030 KZA FID Air 3.0

Consumable

6930.00.150 Inlet filter cartridge for KZA FID / ZA FID / ZA TOTAL

