

RACK ZA FID Air

Zero Air generator RACK version with integrated compressor

The AirGen series ZA RACK FID C is able to remove the total hydrocarbons to less than 0.05 ppm from the internal air source (integrated oil-less piston compressor). Very compact, the ZA RACK FID C is able to reach a pressure up to 5 bar (72.5 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 RACK FID C has a very simple and efficient interface. It can also be managed by the HydroGen series 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
- ✓ Quick installation
- ✓ Integrated oil-less pistons compressor
- ✓ Flow rate up to 3 L/min
- ✓ Pressure up to 5 bar
- ✓ RS 485 as standard
- ✓ Purity: < 0.05 ppm THC
- ✓ No maintenance
- ✓ Reduced foot print (19 inch rack 4U)





Specifications

Models: ZA RACK FID	1.5 C	3.0 C
Zero Air outlet		
Flow rate (Max)	1.5 l/min	3.0 l/min
Outlet pressure (Max)	5 bars (72.5 psi)	
Total hydrocarbon content	< 0.05ppm	
Communication		
LED interface	Standard	
RS232	Standard	
RS485	Standard	
General data		
Supply voltage	100-240Vac (±10%) 50/60Hz	
Connection type	IEC320-C14	
Nominal power (Max)	200W (320W)	
Fuse rating (5x20mm)	4A (250 VAC – T)	
Dimensions	Standard 19" Rack 4U – deep 54 cm	
Net weight	27 kg	
Noise	< 55dB(A)	
Connections		
Outlet 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	
Altitude	< 2000m	

Ordering codes

Gas Generators

6920.27.915

6920.27.930

Consumable

6930.00.162

ZA RACK FID 4U 1.5 C

ZA RACK FID 4U 3.0 C

Filter elements for NG RACK 4U C / ZA RACK FID C



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