

Distribuido en España por:

## ZA-HC

Hydrocarbon free  
Air generator

## ZA-Total

Ultra Pure  
Air generator

The **AirGen** series **ZA-HC** is able to remove the total hydrocarbons to less than 0.05 ppm from the external compressed Air. If higher purity is requested, then the **ZA-Total** will also remove other pollutant like Humidity, CO<sub>2</sub>, CO, NO<sub>x</sub>, SO<sub>2</sub> and Hydrocarbons. Very small in size, the **ZA-HC** and **ZA-Total** can filter up to 30 L/min of compressed Air and can withstand a pressure up to 7 bar (101 PSI). 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. The hydrocarbons and CO are removed with a catalytic oven filled with palladium, the Humidity and CO<sub>2</sub> is removed with a dual molecular sieve PSA system, NO is removed with Purafil and other components are removed with with an active charcoal filter.

- Easy use and installation
- High flow rate up to 30 L/min
- Pressure up to 7 bar
- Purity : < 0.1 ppm THC
- Purity\* : < 0.1 ppm CO NO<sub>x</sub> SO<sub>2</sub>
- Purity\* : < 5 ppm CO<sub>2</sub>
- No maintenance
- Reduced foot print

\* ZA-total only



Smart **Gas** Generators



**Swissgas**

## Specifications :

Available Flow rates	1.5 3.0 6.0 15.0 or 30 [NI/min]
Outlet pressure	Up to 7 bar (101 PSI) (need external compressed Air)
Air purity ZA-HC	THC < 0.1 ppm.
Air purity ZA-Total	CO NOx SO2 < 0.1 ppm
	CO2 < 5 ppm / H2O < 100 ppm (-40°C DP)
Inlets/Outlets fitting	1/4" Swagelock
Filters	inlet dust filter included
Start-up time	45 min
Inlet Air requirement	3 bars (43psi) / THC < 100 ppm / DP < -20°C
Dimensions [WxDxH]	45x20x36.5 cm (filters excluded)
Net Weight	20 Kg to 30 Kg depending of Model and options
Power supply	230V/(50Hz or 60Hz) or 115V/60Hz
Power consumption	250 W

### Models

6920 35 015.X ZA-HC-1500  
 6920 35 030.X ZA-HC-3000  
 6920 35 060.X ZA-HC-6000  
 6920 35 150.X ZA-HC-15000  
 6920 35 300.X ZA-HC-30000

6920 40 015.X ZA-Total-1500  
 6920 40 030.X ZA-Total-3000  
 6920 40 060.X ZA-Total-6000  
 6920 40 150.X ZA-Total-15000  
 6920 40 300.X ZA-Total-30000

X=1 for 230V/50Hz or 230V/60Hz  
 X=2 for 115V/60Hz

### Consumables

3709 04 183 Filter Element of the coalescent filter

### Accessories

6900 80 000 OFCAS-Scroll-75 (only 230V)



AIR



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**Ingeniería Analítica**  
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