

# Apex Zero Air Generators

Our range of low maintenance Zero Air Generators that offer flexibility and outputs of up to 40L/min

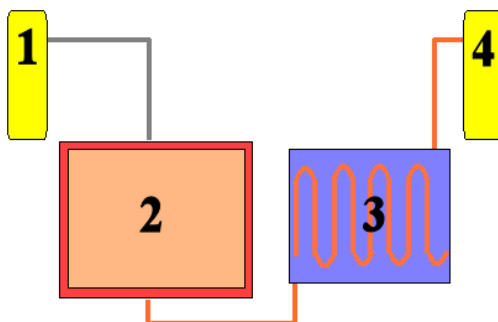
## Overview

Utilising catalytic combustion technology the Apex Zero Air series provides clean hydrocarbon free air for the most demanding of applications. Once connected to a compressed air source the system has no moving parts and will provide no restriction to the air flow through the system with a minimised power requirement. All the models in our range are small enough that they will easily sit on a workbench.

The Zero Air series provides flexibility to match your system requirements. We can customise the purity, flow rate and delivery pressure to suit your specifications.

### Features and benefits

- Flow Rates from 1 to 40 litres/min
- Output hydrocarbon content of <0.01 ppm
- Low Power requirement
- Rapid Start up
- Output Pressure up to 10 Barg/147 psig
- Easy Installation
- Simple maintenance



## How it works

Compressed air enters the generator via a filter [1] that removes contaminants and bulk moisture via an integrated auto drain. The air then enters a heated chamber containing the catalytic converter [2] Here any hydrocarbons are burnt off and converted into trace amounts of carbon dioxide and water. The now hot, hydrocarbon free air passes through a cooler [3] where it is returned to ambient temperature before finally passing through another filter [4] and exiting the system.

## Technical specifications

Model	ZA Small	ZA Medium	ZA large	ZA XL
Flow L/min	1-6	8-18	20-28	30-40
Purity	Less than 0.01ppm total hydrocarbon content			
Dew point (c PDP)	-10			
Pressure	From 1 Barg /14.7 psig to 10 Barg/147 psig			
Start-up time	3 minutes			
Power	230V at 50hz or 110V at 60hz Heater is only on for 1 minute in every 5 which results in low overall power use.			
Depth (mm/ins)	450 / 17.7	450 / 17.7	450 / 17.7	450 / 17.7
Height (mm/ins)	303 / 11.9	303 / 11.9	303 / 11.9	303 / 11.9
Width (mm/ins)	235 / 9.3	235 / 9.3	235 / 9.3	235 / 9.3
Weight (kg/lbs.)	9 / 19.8	9 / 19.8	9 / 19.8	10 / 22
Ports	Female ¼" BSPP			

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