## Precision Zero Air Zero Air Generator for GC

Part Number : See Reverse

Service Kit : 08-361

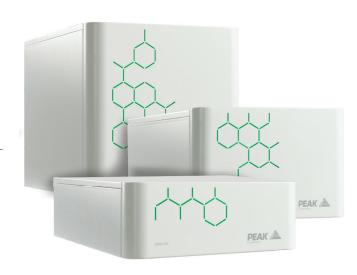


Your local **gas generation** partner

#### Description

The Precision Zero Air generators are designed specifically to supply clean, dry, hydrocarbon-free air to be used as detector gas for GC. Five models are available, delivering 1.5, 3.5, 7, 18 and 30 liters per minute flow rate, dependent upon the specific requirements.

As with all Precision Series generators, Zero Air benefits from a compact and modular, stackable design, minimizing the total footprint required for GC gas supply, and providing flexibility to add or remove modules as your laboratory requirements evolve over time. There are three module heights, the 1.5L and 3.5L come in the smaller unit, the 7L and 18L in the medium with the 30L generator housed in a larger unit.



#### **Applications**

- Detector Gas
  - Flame Support / Air



### Key Features

- Integrates seamlessly with other Precision units
- Hydrocarbon content < 0.05ppm for market-leading purity</li>
- Minimum lifetime maintenance requirements, no expensive catalyst chamber replacements
- Avoid risk of contaminants entering the system (when switching out empty cylinders)
- No risk of running out of gas in middle of analysis
- Compatible with Precision Air Compressor
- 12 month comprehensive on-site warranty
- Status indicative lighting feature (amber warm-up, green ready)



Zero Air 1.5L/3L unit size pictured in a typical Precision stack.

Technical Specifications	Zero Air 1.5L	Zero Air 3.5L	Zero Air 7L	Zero Air 18L	Zero Air 30L		
Max Flow Rate	1.5L/min	3.5L/min	7L/min	18L/min	30L/min		
Max Pressure		80 psi / 5.5 bar 100 psi / 6.9					
Hydrocarbon Concentration (as Methane)	<0.05ppm						
Gas Outlets	1x1/4" BSPP						
Min/Max Air Inlet Pressure		145 psi 110-125 psi 110 bar 7.5-8.6 bar		110-145 psi 7.6-10 bar			
Min Air Inlet Flow	1.5L/min	3.5L/min	7L/min	18L/min	30L/min		
Min Inlet Air Quality	ISO8573 - 1:2010 Class 1.4.1						
Phthalates	None						
Suspended Liquids	None						
Start-Up Time For Purity	60 minutes						
Operating Temperature	5°C - 35°C / 41°F - 95°F						
Electrical Requirements	230VAC 50 110VAC 50		230VAC 50/60Hz 5.4A 110VAC 50/60 Hz 3.3A		230VAC 50/60 Hz 11A 110VAC 50/60Hz 6.7A		
	220 Watts	@ 110VAC	594 Watts	1210 Watts @ 110VAC			
Power Consumption	o 230 Watts	•	759 Watts	or 1541 Watts @ 230VAC			
Heat Output	up to 785 BTU/Hr		up to 2590 BTU/Hr		up to 5255 BTU/Hr		
Generator Dimensions (WxDxH)	38.0 x 54.0 x 15.6 cm 14.9 x 21.2 x 6.14"		38.0 x 54.0 x 25.6 cm 14.9 x 21.2 x 10"		38.0 x 54.0 x 40.5 cm 14.9 x 21.2 x 15.9"		
Generator Weight	16 Kg /	16 Kg / 35 lbs 25kg / 55.1 lbs		41 Kg / 90.3 lbs			

Ordering Information	Zero A	Air 1.5L	Zero A	ir 3.5L	Zero	Air 7L	Zero <i>A</i>	Air 18L	Zero A	Air 30L
	110 V	230 V	110 V	230 V	110 V	230 V	110 V	230 V	110 V	230 V
Part Number	60-1501	60-1500	60-3501	60-3500	60-0008	60-0007	60-0019	60-0018	60-0031	60-0030
Annual Service Kit										
Standard Maintenance Plan	www.peakscientific.com/ordering									
Complete Maintenance Plan										

Precision Air Compressor	110v	230v	Annual Service Kit
Part Number	65-1555	65-0555	08-8372

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Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed by a comprehensive on-site 12 month warranty. Beyond this period however you can ensure that you're investment continues to be **[Protected]** by our extensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.

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Web: www.peakscientific.com Email: discover@peakscientific.com Peak Scientific's Quality Management System conforms to: ISO:9001:2008





