

**Product datasheet**

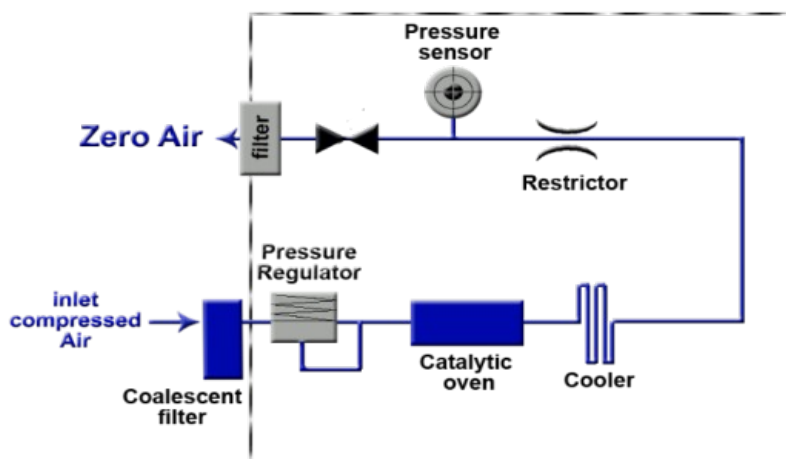
**Description**

**Features**

- Pure Air generator for producing 3 to 90L/min lab grade zero air for GC-FID and other detectors
- Removes hydrocarbon pollutants to less than 0.1ppm
- Removes 99.99% of particles of greater than 0.5µm
- Outlet pressure ca. 0.5 bar less than inlet pressure
- Economical, safe alternative to high pressure cylinders
- Low running costs - only requiring power and an external compressed air supply
- No need for costly downstream secondary filtration
- Minimum maintenance
- Easy installation and operation
- Manufactured to a high quality following the rigorous ISO 9001 production control
- EC/UK. Japanese and US versions available
- **PLEASE NOTE:** This item requires a compressor



**Schematic**



**Product datasheet**

**Technical Specifications**

Model: Pure Air models 3 to 90

**General specifications**

User interface: Pressure setting, system status, user parameter, Touch screen/LCD graphic display

Remote command: USB/download of the logfile possible

Power requirements: 230V/50Hz or 230V/60Hz or 115V/60Hz or 100V/60Hz

Ambient temperature: 10 to 40°C, 50 to 104°F

**Dimensions and connections**

Dimensions: 16x35x25cm (models 3 and 6L)  
36x64x67cm (models 15 to 90L) (WxDxH)

Dimensions (shipping): 41x51x36cm (models 3 and 6L)  
45x80x80cm (models 15 to 90L) (WxDxH)

Net Weight: 7Kg (models 3 and 6L), 25Kg (models 15 to 90L)

Gross (shipping) Weight: 10Kg (models 3 and 6L), 29/29/34/39Kg (models 15/30/60/90)

Connections inlet: 1/4" Swagelok

Connections outlet: Swagelok male compression: 1/8" (models 3 and 6L)  
Swagelok male compression: 1/4" (models 15 to 90L)

**Output**

Delivery pressure: Up to 100psig/up to 7 barg depending on the inlet pressure

Particle filtration level: <0.1µm

Air purity: Less than 0.1ppm total hydrocarbons

Flow rate at normal conditions: 3 to 90NmL/min

Power consumption: 260 to 610 Watts (depending on model)



**Product datasheet****Ordering information**

Code	Description	Model
700807	Pure Air dot-red® 3L/min no compressor EU/UK	dot-red Pure Air 3-EU/UK
700808	Pure Air dot-red® 3L/min no compressor US	dot-red Pure Air 3-US
700809	Pure Air dot-red® 3L/min no compressor JPN	dot-red Pure Air 3-JPN
700810	Pure Air dot-red® 6L/min no compressor EU/UK	dot-red Pure Air 6-EU/UK
700811	Pure Air dot-red® 6L/min no compressor US	dot-red Pure Air 6-US
700812	Pure Air dot-red® 6L/min no compressor JPN	dot-red Pure Air 6-JPN
700813	Pure Air dot-red® 15L/min no compressor EU/UK	dot-red Pure Air 15-EU
700814	Pure Air dot-red® 15L/min no compressor US	dot-red Pure Air 15-US
700400	Pure Air dot-red® 15L/min no compressor JPN	dot-red Pure Air 15-JPN
700410	Pure Air dot-red® 30L/min no compressor EU/UK	dot-red Pure Air 30-EU/UK
700411	Pure Air dot-red® 30L/min no compressor US	dot-red Pure Air 30-US
700412	Pure Air dot-red® 30L/min no compressor JPN	dot-red Pure Air 30-JPN
700420	Pure Air dot-red® 60L/min no compressor EU/UK	dot-red Pure Air 60-EU/UK
700421	Pure Air dot-red® 60L/min no compressor US	dot-red Pure Air 60-US
700422	Pure Air dot-red® 60L/min no compressor JPN	dot-red Pure Air 60-JPN
700430	Pure Air dot-red® 90L/min no compressor EU/UK	dot-red Pure Air 90-EU/UK
700431	Pure Air dot-red® 90L/min no compressor US	dot-red Pure Air 90-US
700432	Pure Air dot-red® 90L/min no compressor JPN	dot-red Pure Air 90-JPN

**Parts supplied**

Standard: 1 x Pure Air unit, 1 x CD-manual

**Servicing**

Action & frequency: Change filters (coalescent and dust) every 6 months.

Replace catalysis oven as required

**Spare parts and consumables**

Replacement external dust/coalescing filter set, model 3 to 6L: 370904171

Replacement external dust/coalescing filter set, model 15 to 90L: 370904170

Spare air catalysis oven, models 3 to 6L, 230V: 5735001811

Spare air catalysis oven, models 3 to 6L, 100-110V: 5735001812

Spare air catalysis oven, models 15 to 90L, 230V: 5735001841

Spare air catalysis oven, models 15 to 90L, 100-110V: 5736001842