

# Gas Purifier

for AA Spectrophotometers

Distributed by:



**Carl Stuart Limited**

ADVANCED APPLIED TECHNOLOGIES

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## AA Gas Purifier

The Parker Balston AA (Atomic Absorption) purifiers are a complete wall mount system with carefully matched components engineered for easy installation, operation and long term reliability. They are engineered to purify standard compressed air (oxidant) into a safe supply of clean dry air. They also remove liquid acetone from the acetylene which increases in quantity as the cylinder volume is reduced during use.

Ideal for all AA installations the purifier protects the microcomputer gas controls and AA burner assembly from contamination and corrosion.



## Contact Information:

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## Product Features:

- Designed specifically for AA Instrumentation
- Ensures a consistent quality of compressed air (oxidant) and fuel gas
- Protects microcomputer gas controls
- Convenient wall mountable system with flash back arrestor
- Ensures a clean, contaminant-free flame
- Minimal maintenance

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The purifier consists of two independent filtration systems. The first is designed to purify the compressed air with two stages of high efficiency coalescing filters to remove all contaminants to < 0.01ppm.

The second system then purifies the acetylene by removing liquid acetone and solids from the gas. Finally the gas passes through an integral flash back arrestor to enhance the safe operation of the Atomic Absorption.

### Principal Specification

Model	73-100	
	Compressed Air	Acetylene
Purity	< 0.01 µm	< 0.01 µm
Inlet Pressure	1 to 17 bar	0.5 to 1 bar
Inlet Connection	1/4" (Female)	3/4 -24 LH (A Size)
Outlet Connection	1/4" (Female)	9/16 -18 LH (B Size)
Ambient Temperature	10 to 35°C	10 to 35°C
Electrical Requirements	Not Required	Not Required
Power Consumption	N/A	N/A
Dimensions (H x W x D)	250 x 270 x 200 mm	250 x 270 x 200 mm
Weight (Shipping)	4 Kg (5)	4 Kg (5)

### Ordering Information

Description	Model Number
Atomic Absorption Gas Purifier	73-100

Maintenance items	Model Number	Change Frequency
Maintenance Kit	73065	12 Months
Acetylene Hose Assembly (1.8m in length)	19257	As required