

Atomic Absorption Gas Purifier

Model 73-100

The Parker Atomic Absorption Gas Purifier is a wall mountable system designed to purify gases commonly used with atomic absorption spectrophotometers.

The purifier consists of two independent filtration systems. The first is designed to purify the compressed air (oxidant) with two stages of high efficiency coalescing filtration. These filters will remove all oil, water, and particulate matter down to 0.01 micron. The second filtration system is designed to purify the acetylene gas. This system removes liquid acetone and solid particulate from the gas.

The 73-100 protects the microcomputer gas controls and AA burner assembly from contamination and corrosion. Additionally, the acetylene filter has an integral flashback arrestor, to enhance the safe operation of the spectrophotometer.



Ordering Information

Description	Model Number
Atomic Absorption Gas Purifier	73-100
73-100 Service Kit (contains one year supply of all replacement filter cartridges)	73065
Acetylene Hose Assembly (6 feet in length)	19257

Principal Specifications

Model 73-100	
Compressed Air Inlet/Outlet	1/4" NPT (female)
Recommended Inlet Air Temperature	< 78°F (26°C)
Min./Max. Inlet Pressure (compressed air)	15 psig/125 psig
Acetylene Inlet/Outlet	9/16 - 18 LH ("B" size)
Maximum Inlet Pressure (acetylene)	15 psig max. working pressure
Ambient Operating Temperature	40°F - 100°F (4°C - 38°C)
Dimensions	11" w x 8" d x 10" h (28cm x 20cm x 25cm)
Shipping Weight	10 lbs (4.5 kg)



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