

Airgas Ultra Pur Series Gas Purifiers (300 slpm Max)

When higher flows and more system automation are required the Airgas UltraPur Series of purifiers offers the best in guaranteed performance and extended life. Airgas UltraPur purifiers are ideal for multi-point installations or single high-flow applications. These types of flows are supplied from cylinder packs, MicroBulk or bulk supply modes and these purifiers have the capacity to maintain the purity at these flow rates.

Constructed using 316L electro-polished stainless steel with standard 0.1µm filtration, Airgas UltraPur purifiers deliver an ultra-high purity outlet performance ideal for demanding applications in analytical, semiconductor, LED, pharmaceutical, medical, and many other applications.

Airgas UltraPur Gas Purifier

GAS PURIFIER



Design Features

- Compact, sturdy, vented, steel enclosure incorporating all components for ultimate safety
- Easy to install – Wall mounted
- Simple to operate
- Front panel status indicators
- PID heat control with high temperature limits
- Alarm contacts for plant monitoring integration
- Simple vessel change-out
- 316L Stainless Steel construction for ultimate outlet purity
- Standard 0.1µm filter (available 0.003µm)
- Complete system leak checked 2×10^{-9} atm cc/sec
- Shipped Activated ready for use
- Standard Air Operated Inlet/Outlet valves with manual bypass valve

Specifications	
Gases	Argon, Helium, Neon, Krypton, Xenon and Nitrogen
Outlet gas purity	Impurities removed to <1ppb CO, CO ₂ , H ₂ , H ₂ O, O ₂ , N ₂ and THC optional H ₂ removal
Flows	2 - 300 slpm (max)
Maximum operating pressure	250 psig
Input power	100/120 VAC optional 220/240VAC
Inlet/Outlet Connections	¼" MVCR or ¼" Compression

Equipment

Ordering Information

Product Number	Flows (250 psig inlet)		Inlet/Outlet Connections
	Nominal	Max	
Y40-N250(*GAS)	2.0 slpm	30 slpm	¼" MVCR
Y40-N600(*GAS)	6.0 slpm	90 slpm	¼" MVCR
Y40-N01K(*GAS)	10 slpm	150 slpm	¼" MVCR
Y40-N02K(*GAS)	20 slpm	300 slpm	¼" MVCR

*Gas

Ar = Argon
He = Helium
Ne = Neon
Kr = Krypton
N₂ = Nitrogen

Airgas UltraPur Series purifiers can be used for Oxygen Service Please call 1 - 800-939-5711 for technical support (Nominal flow offers one year life based on 99.9995% inlet gas and 24 hours operation)

Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.