

## Airgas MaxPur Series Gas Purifiers Flow rates up to 150 SLPM

The Airgas MaxPur Series Gas Purifier is an easy-to-install gas purification system offering guaranteed maximum performance and extended life. With a choice of five different vessel sizes, this purifier can be a single point of use or it can accommodate flows that support multi-point applications.

Airgas MaxPur can purify nitrogen and all inert gases at flow rates up to 150 slpm while still maintaining the published purity. The purifier vessel's media will last for 12 months with a 24hr/day operation flow at the indicated nominal flow rates\*.

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

### 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
- Integral preset temperature controller
- Simple vessel change-out
- Standard Stainless Steel fittings for ultimate outlet purity
- Standard 0.1µm filter (available 0.003µm)
- Complete system leak checked  $2 \times 10^{-9}$  atm cc/sec
- Shipped Activated ready for use

Airgas MaxPur Series

GAS PURIFIER



Specifications	
Gases	Argon, Helium, Neon, Krypton, Xenon and Nitrogen
Outlet gas purity	Impurities removed to <1ppb CO, CO <sub>2</sub> , H <sub>2</sub> , H <sub>2</sub> O, N <sub>2</sub> , O <sub>2</sub> and THC Optional H <sub>2</sub> removal available stage (H)
Flows	Five models to accommodate flows from 0.1 slpm – 150 slpm (max)
Maximum operating pressure	250 psig
Input power	110VAC standard, 220 VAC optional
Inlet/Outlet Connections	¼" MVCR standard; ¼" Swagelok (S04)

### Available options

- 220 power VAC
- ¼" compression fittings on inlet and outlet
- Added Hydrogen removal stage
- Available panel mounted with manual isolation and bypass valves
- Please call 1-800- 939-5711 for all options and pricing

### Ordering Information

Product Number	Flows (250 psig inlet)		Inlet/Outlet Connections
	Nominal*	Max	
Y40-N050(*Gas)	0.3 slpm	4.5 slpm	¼" MVCR
Y40-N125(*Gas)	1.0 slpm	15 slpm	¼" MVCR
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

\*Gas

Ar = Argon  
He = Helium  
Ne = Neon  
Kr = Krypton  
N<sub>2</sub> = Nitrogen

Airgas MaxPur 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 source gas being 99.9995% pure, 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.