Purifiers – Grade 6+ Argon

Spec Sheet

Argon Purifier System – Ar6

- Heated Getter based technology
- Service pressure 2900 @ 900° F
- Flow rate 5 SCFM
- Stainless Steel construction
- Purifier cartridge exchange program – Cartridge life approx. 150,000 SCF

Features:

- Small footprint 32" W X 72" H X 48" L
- Inline installation to existing high purity manifold
- Built in Purifier bypass for easy user interface when Grade 6 is not required
- Power requirements 240 Volt, 3 Phase, 30 AMPs (5 SCFM Model)
- Inlet / outlet fittings 1/4" MVCR
- Vessel meets ASME standards
- Solid state temperature controlled with independent over-temp protection

Operation: The Purifier is normally piped in series in a typical high purity cylinder filling system. A bypass valve is available to allow purifier to be placed offline if not needed. The Grade 6 purifier is designed to remove trace impurities from an Argon stream of 99.9995% to PPB levels including Nitrogen. Total capacity depends on incoming impurity, but should easily last for 150,000 SCFH total before needing to be regenerated. An internal, back-pressure regulator allows system to reach pre-set 1500 psi before flow begins to control upstream pressure surges. The system operates at 900˚ F at a maximum pressure of 2900 PSIG.

Regeneration: The purifier is not re-generable and requires a factory exchange of the purifier cartridge/vessel.