

QPCP16.2 – QuantumPure™ Cryogenic High Capacity Purifier



QuantumPure™ Manual Cryogenic Purifier



QuantumPure™ Automatic Cryogenic Purifier

Features:

- Cryogenic Purifier for medium and large capacity systems.
- Operates with no/minimal monitoring.
- Ideal for Recovery, Purification and large Liquefaction Systems (in excess of 10 liters/hour equivalent liquid helium).
- Easy to install, small floor footprint.
- Type of Adsorbents: proprietary mix.
- Inlet purity: Can be >98%.
- Inlet purity will affect the quantity of gas which can be purified before regeneration.
- Inlet pressure: up to 500 psi.
- Flowrate: up to 500 lpd.
- Outlet purity: >99.999%.
- Cooling: Requires LN2 from bulk tank or from a Quantum nitrogen liquefier.
- Cooldown time: Requires 1 hour cooldown prior to use.
- Operational time: Depends on inlet purity, For an inlet purity of 99.9% can purify up to 3000 L of liquid helium equivalent prior to regeneration.
- Regeneration cycle: Overnight warmup and venting of impurities.
- Can be manual (in a larger manual/automatic set-up) or automatic.