

## QPCF09-6 – QuantumPure™ Cryogen-Free Purifier



QuantumPure™ Cryogen-Free Purifier, ideal  
for Quantum Recovery, Purification and Liquefaction Systems

### Features:

- Cryogen-Free Cryogenic Purifier for small and medium capacity systems (~60LPD helium).
- Cools gas to 20K.
- Operates with no/minimal monitoring (auto-fill option provided).
- Purifies gas to over 99.995%, sufficient for inlet in liquefier.
- Ideal for QuantumPure™ Recovery, Purification and Liquefaction Systems.
- Easy to install, small floor footprint.
- Dimensions:
  - Cylinder: 14" O.D. x 48" long
- Type of Adsorbents: proprietary mix.
- Volume of Proprietary Adsorbents: 30 liters.
- Volume of adsorbed impurities: up to 3Nm<sup>3</sup>.
- Regeneration: purifier is heated to ambient temperature – time of regeneration: ~12 hrs.
- Cooling power: 200W at 70K.
- Power required: 7.5 kW @60Hz.
- Cooling Water: 7 LPM @27C