

PRODUCT SPECS

For Something A Lot More Precise
Than Just Mixing a Highball . . .

HF-Series Appliances

Your Perfect Choice For Mixed Air and Inert Gases

Special Filter Cartridges

(included; shown in housings)
"polish" the air or gas to hyper-pure, standards
for specialty lab, research, or technical use.

-Ideal for- OCA

(Oxygen-Compatible Air)

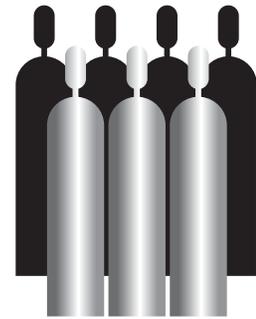
Hyper-Pure Breathing Air
Specialty Lab Uses
Research Grades
Technical Gases

-Each Appliance- Sanitized to O₂ Standards

(not for use with oxygens, however)

Full One-year Warranty
Plus, Lifetime
Cartridge Holder Warranty
Against Corrosion

Crafted of all
Corrosion Resistant
Materials



To Isolated
Hyper-Filter
Storage



Check Valve

S/S Coupler

Check Valve

Micron Filter
Included: 2 Mic. Nominal

To
HF-Series
Purified



To Fill
Station

Standard Purification System

works well with HF-Series Appliances.
There is no need for a membrane
system or other specialized production method.



Oil-lubricated Compressor
may be used with HF-Series Appliances

HF-Series 5000 PSI Appliances for Mixed Air and Inert Gases

Shown are Lawrence Factor's® most popular models. Additional models available.

Lawrence Factor®: the people known worldwide as *The Air and Gas Purification X-perts*. Our HF-Series Appliances, developed for polishing air and inert gases to hyper-pure standards, are the ideal choice for OCA, technical, research, specialty lab, or hyper-pure breathing air production.

Excellence . . .

Lawrence Factor® HF-Series Appliances are crafted of highly rugged and corrosion resistant materials. Each appliance is subject to rigorous testing and sanitizing, including comprehensive analysis by X-zam® Laboratories.

Easy and Convenient . . .

Lawrence Factor® HF-Series Appliances can be used with the equipment you already own. No special set-up - such as a membrane system, specialty compressor, or other production method - is needed.

Economical . . .

Lawrence Factor™ HF-Series Appliances represent a lower capital investment than comparable systems. And, because they can be used with the equipment you now own, expensive upgrades are unnecessary.

Effective . . .

A Lawrence Factor™ HF-Series Appliance, when used with X-pendable® and X-tractor™ filters, can be used to "designed" air and inert gases to your precise specifications.

General Specifications

Minimum WP: 2000 PSI
 Maximum WP: 5000 PSI
 Max. Operating Temp.: 100° F
 Tensile Strength: 83000
 Cylinder Mat.: Aluminum
 Couplings: Stainless Steel
 Safety Factor: 4:1ASME
 Re-Pressure Cycle Life: 40000

Minimum Inlet Condition

Depends upon your application. Please consult your L-Factor representative for guidance.

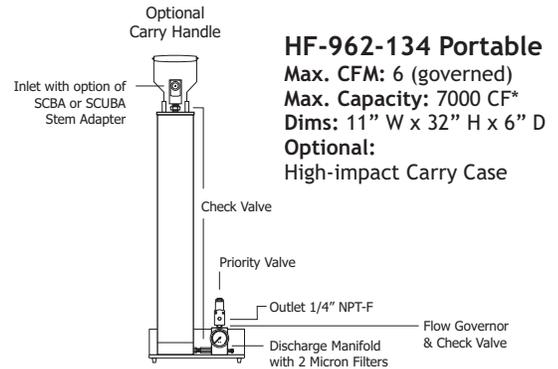
Included

Lawrence Factor™
 X-pendable® Cartridge Set
 Instruction Manual
 Full 1-year Warranty
 Lifetime Cartridge Holder
 Corrosion Warranty
 X-pendable® Polishing Cartridges

Optional Accessories & Supplies

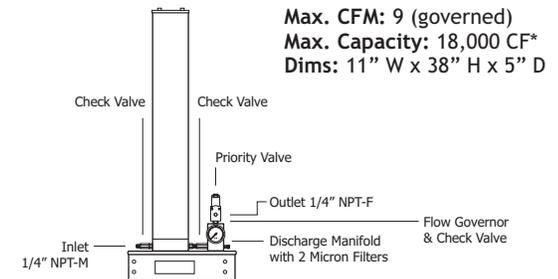
Electronic Cartridge Change Monitor
 Electronic Dewpoint Monitor
 Cryomon Contaminant Monitor
 Gas Sampling Connection
 Freestanding Chassis
 Spanner Wrench
 OxyLube™
 Non-hydrocarbon Grease
 Seal Kit
 Specialty Valves
 Leak-X™ Leak-finding Aerosol
 Viton O-rings
 OCA Air Analysis (by X-zam® Labs)
 X-tractor™ Particle & Micron Filters

**Capacities are calculated for gas at CGA level E and entering the Appliance at 80°F and 5000 PSI. Capacities can be affected by temperature, pressure, and gas flow.*



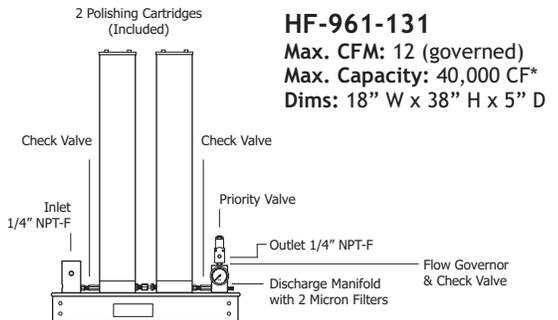
HF-962-134 Portable

Max. CFM: 6 (governed)
 Max. Capacity: 7000 CF*
 Dims: 11" W x 32" H x 6" D
 Optional:
 High-impact Carry Case



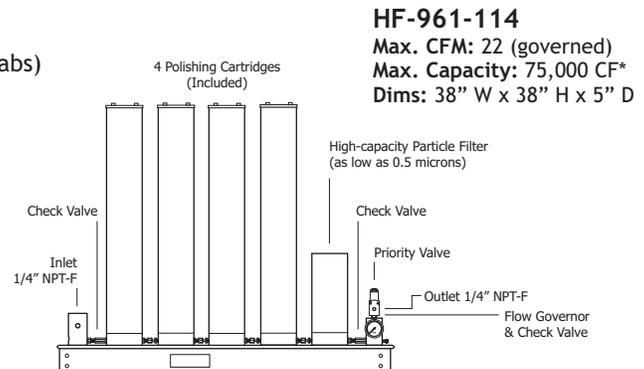
HF-961-111

Max. CFM: 9 (governed)
 Max. Capacity: 18,000 CF*
 Dims: 11" W x 38" H x 5" D



HF-961-131

Max. CFM: 12 (governed)
 Max. Capacity: 40,000 CF*
 Dims: 18" W x 38" H x 5" D



HF-961-114

Max. CFM: 22 (governed)
 Max. Capacity: 75,000 CF*
 Dims: 38" W x 38" H x 5" D

