



clean air
FOR IVF LABORATORIES

AIR QUALITY

Key factor in creating an optimal environment for embryo culture

The presence of air contaminants in the laboratory, procedure rooms, and working environment has detrimental effects on pregnancy rates

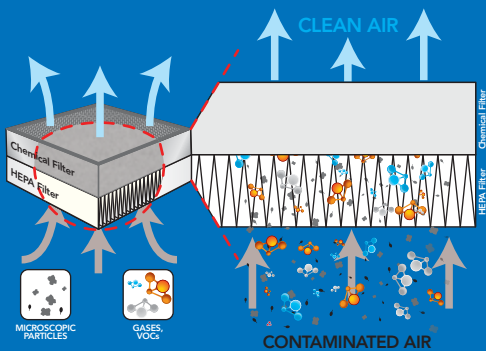
Sources: cleaning agents, plasticware, media, liquids, furnishings, equipment, personnel and common air pollution.

Contaminants: styrene, acetone, benzene, toluene, octane, n-Decane, freon, acetaldehyde, nonane, methylcyclohexane, ethanol, isopropyl alcohol, hexachlorocyclohexane, lead, carbon.

THE SOLUTION:

MULTI-STAGE AIR PURIFICATION SYSTEMS

The ideal combination of HEPA and customized chemical filters.



- SOURCE CAPTURE ARMS
- HEPA FILTER
- REFILLABLE CHEMICAL FILTER
- UV LAMPS
- QUIET OPERATION
- PRESSURE GAUGE
- INLET & DISCHARGE COLLARS
- VISUAL & AUDIBLE ALARMS



BP & BH SERIES

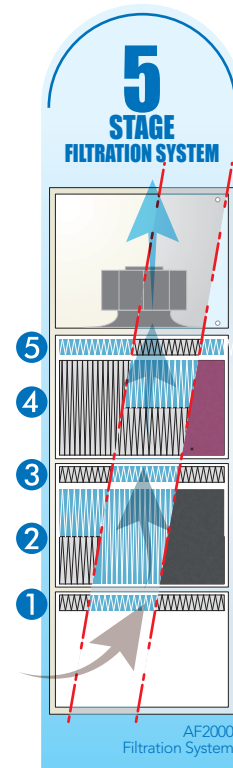
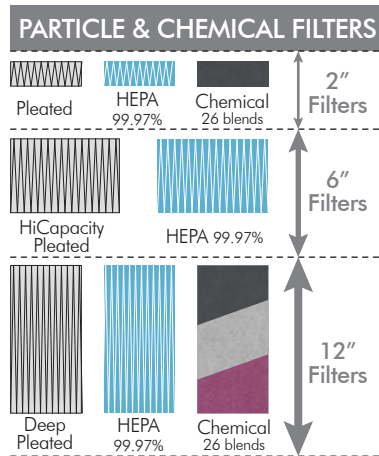
Designed to handle high concentrations of chemicals, gases, odors, particles and biological contaminants, the BP Air Purifiers deliver superior air quality for IVF facilities.

The BP Air Purifiers are available as standalone units (standard configuration) for general air purification.

For virtually any application that requires removal of chemicals, vapors and particles directly at the source, a vast selection of flexible or articulated arms, hoods and ducting accessories capture any contaminants before they spread into the environment.

Although very effective against very fine particles, HEPA filters do not filter out gasses and odor molecules.

Our refillable chemical filters use carefully formulated filtration media blends to remove odors, chemical vapors and volatile organic compounds (VOCs).



Working closely with healthcare professionals allowed us to understand their strict requirements and design highly efficient air purification systems that meet and exceed cleanroom specifications for particulate and microorganism contamination in laboratories.



BP2000

Dimensions: H x W x D
71 x 24 x 26 (in), 350 lbs / 180 x 61 x 66 (cm), 159 kg
Airflow (nominal): 1000 CFM (472 liters/s);
adjustable intake/discharge grilles
HEPA Filter: medical-grade, 99.97% efficient
Chemical filter: up to 240 lbs (110 kg); 26 blends
UV Light: available for certain configurations
Power: 120V, 60Hz, 4A / 230V, 50Hz, 2A
Sound levels: < 54dba at low speed
Cabinet: Heavy gauge welded steel
Options: high air flow configurations; various diameter inlet/discharge collars for ducting, pressure gauges, custom filter sequences, OEM branding, variable speed control, audible alarms, visual alarms.



BP1000

Dimensions: H x W x D
52 x 16 x 22 (in), 200 lbs / 132 x 40 x 56 (cm), 90 kg
Airflow (nominal): 600 CFM (283 liters/s);
adjustable discharge grilles
HEPA filter: medical-grade, 99.97% efficient
Chemical filter: up to 100 lbs (45 kg); 26 blends
UV Light: available for certain configurations
Power: 120V, 60Hz, 2A / 230V, 50Hz, 1A
Sound levels: < 36dba at low speed
Cabinet: Heavy gauge welded steel
Options: various diameter inlet/discharge collars for ducting, pressure gauges, custom filter sequences, OEM branding, variable speed control, audible alarms, visual alarms.



BP600

Dimensions: H x W x D
37 x 16 x 22 (in), 135 lbs / 94 x 40 x 56 (cm), 61 kg
Airflow (nominal): 400 CFM (188 liter/s);
adjustable discharge grilles
HEPA filter: medical-grade, 99.97% efficient
Chemical filter: up to 50 lbs (23 kg); 26 blends
UV Light: available for certain configurations
Power: 120V, 60Hz, 2A / 230V, 50Hz, 1A
Sound levels: < 36dba at low speed
Cabinet: Heavy gauge welded steel
Options: various diameter inlet/discharge collars for ducting, pressure gauges, custom filter sequences, OEM branding, variable speed control, audible alarms, visual alarms.



BH400

Dimensions: H x W x D
12 x 15 x 30 (in), 48 lbs / 30 x 38 x 76 (cm), 22 kg
Airflow (nominal): 280 CFM (132 liters/s);
adjustable discharge grilles
HEPA filter: medical-grade, 99.97% efficient
Chemical filter: up to 25 lbs (12 kg); 26 blends
UV Light: available for certain configurations
Power: 120V, 60Hz, 2A / 230V, 50Hz, 1A
Sound levels: < 36dba at low speed
Cabinet: Heavy gauge welded steel
Options: various diameter inlet/discharge collars for ducting, pressure gauges, custom filter sequences, OEM branding, variable speed control, audible alarms, visual alarms.



Quatro Air Technologies developed the QHH workstation to allow any bench top to be converted into a Laminar Flow Hood.

Our unique assembly process provides for quick lead times and keeps your budget in mind.

The QHH features the highest quality materials, workmanship and exclusive features found on the market today.

KEY FEATURES

- ✓ **Reduced energy costs**
Helping you reduce energy costs our QHH series of laminar flow hoods uses a mere 2.16 A (for the 4-foot model)
- ✓ **Value**
For the cost conscious, our QHH series are less expensive than most other similar products
- ✓ **Portable**
Easily moved to another location
- ✓ **Easy Installation**
The slim profile allows for quick, easy installation through most standard doorways
- ✓ **Optional Accessories**
We can manufacture your hood with selected options to suit your specific requirements

STANDARD FEATURES

- ✓ High Efficiency Particulate Air (HEPA) filter, rated 99.97% efficient at 0.3 microns
- ✓ Minimum ISO 5 (Class 100) conditions
- ✓ Large side windows allows for extra light and viewing angles
- ✓ Fluorescent task lighting
- ✓ Quick change disposable prefilters, rated MERV 7
- ✓ Variable speed control
- ✓ Separate on/off switches for fans and lights

OPTIONAL FEATURES

- Energy efficient motor package
- Hinged face shield
- Vertical sliding face shield
- White polypropylene work surface
- Stainless steel laminated work surface
- Base frame, sitting or standing height
- Stainless steel IV Bar
- UV Light
- Minihelic gauge
- Stainless steel laminate on interior
- Service valves
- GFI duplex outlets
- Pass-through grommets

Dimensions: W x D x H

QHH2: 24x25x30.25 in / 610x635x768 mm

QHH3: 36x25x30.25 in / 914x635x768 mm

QHH4: 48x25x30.25 in / 1219x635x768 mm

QHH5: 60x25x30.25 in / 1524x635x768 mm

QHH6: 73x25x30.25 in / 1854x635x768 mm

QHH8: 97x25x30.25 in / 2464x635x768 mm