clean air
FOR HOSPITALS, LABS AND HEALTHCARE CLINICS
**THE CHALLENGE:**

**AIR QUALITY**

Key factor in creating a safe environment for patients and staff

The hospital and healthcare environments require high quality air management solutions to protect patients and staff against infections and occupational diseases.

Our units offer complete air purification solutions against airborne microorganisms (bacteria, viruses, and fungal spores), gaseous contaminants, chemicals and odors.

**THE SOLUTION:**

**MULTI-STAGE AIR PURIFICATION SYSTEMS**

The ideal combination of HEPA and customized chemical filters.

Although very effective against very fine particles, HEPA filters do not filter out gases 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.

**AF SERIES**

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

The AF 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.
<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions: H x W x D</th>
<th>Airflow (nominal)</th>
<th>HEPA Filter</th>
<th>Chemical Filter</th>
<th>UV Light</th>
<th>Power</th>
<th>Sound levels</th>
<th>Cabinet</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF2000</td>
<td>71 x 24 x 26 (in), 350 lbs / 180 x 61 x 66 (cm), 159 kg</td>
<td>1000 CFM (472 liters/s)</td>
<td>medical-grade, 99.97% efficient</td>
<td>up to 240 lbs (110 kg), 26 blends</td>
<td>available for certain configurations</td>
<td>120V, 60Hz, 4A / 230V, 50Hz, 2A</td>
<td>&lt; 54dbA at low speed</td>
<td>Heavy gauge welded steel</td>
<td>various diameter inlet/discharge collars for ducting, pressure gauges, custom filter sequences, OEM branding, variable speed control, audible alarms, visual alarms.</td>
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<tr>
<td>AF1000</td>
<td>52 x 16 x 22 (in), 200 lbs / 132 x 40 x 56 (cm), 90 kg</td>
<td>600 CFM (283 liters/s)</td>
<td>medical-grade, 99.97% efficient</td>
<td>up to 100 lbs (45 kg), 26 blends</td>
<td>available for certain configurations</td>
<td>120V, 60Hz, 2A / 230V, 50Hz, 1A</td>
<td>&lt; 36dbA at low speed</td>
<td>Heavy gauge welded steel</td>
<td>various diameter inlet/discharge collars for ducting, pressure gauges, custom filter sequences, OEM branding, variable speed control, audible alarms, visual alarms.</td>
</tr>
<tr>
<td>AF600</td>
<td>37 x 16 x 22 (in), 135 lbs / 94 x 40 x 56 (cm), 61 kg</td>
<td>400 CFM (188 liters/s)</td>
<td>medical-grade, 99.97% efficient</td>
<td>up to 50 lbs (23 kg), 26 blends</td>
<td>available for certain configurations</td>
<td>120V, 60Hz, 2A / 230V, 50Hz, 1A</td>
<td>&lt; 36dbA at low speed</td>
<td>Heavy gauge welded steel</td>
<td>various diameter inlet/discharge collars for ducting, pressure gauges, custom filter sequences, OEM branding, variable speed control, audible alarms, visual alarms.</td>
</tr>
<tr>
<td>AF400</td>
<td>12 x 15 x 30 (in), 48 lbs / 30 x 38 x 76 (cm), 22 kg</td>
<td>280 CFM (132 liters/s)</td>
<td>medical-grade, 99.97% efficient</td>
<td>up to 25 lbs (12 kg), 26 blends</td>
<td>available for certain configurations</td>
<td>120V, 60Hz, 2A / 230V, 50Hz, 1A</td>
<td>&lt; 36dbA at low speed</td>
<td>Heavy gauge welded steel</td>
<td>various diameter inlet/discharge collars for ducting, pressure gauges, custom filter sequences, OEM branding, variable speed control, audible alarms, visual alarms.</td>
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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
- Minihielcic 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