THE CHALLENGE:

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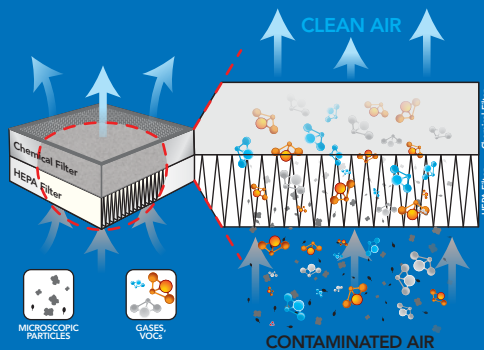
Sources: cleaning agents, plasticware, media, liquids, furnishings, equipment, personnel and common air pollution.

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.

CLEAN AIR

Chemical Filter

HEPA Filter

MICROSCOPIC PARTICLES

GASES, VOCs

CONTAMINATED AIR

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

AF2000

AF1000

AF600

AF400

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).

PARTICLE & CHEMICAL FILTERS

	2" Filters
Pleated	HEPA 99.97%	Chemical 26 blends

	6" Filters
HiCapacity Pleated	HEPA 99.97%

	12" Filters
Deep Pleated	HEPA 99.97%	Chemical 26 blends

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5 STAGE FILTRATION SYSTEM

5
4
3
2
1
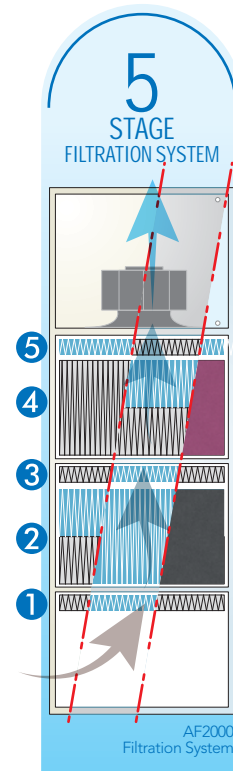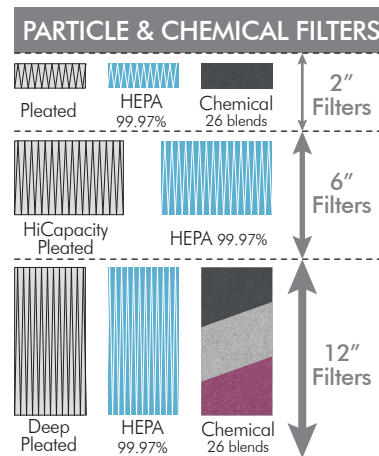
AF2000 Filtration System

AF SERIES

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

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.

QUATRO
AIR TECHNOLOGIES INC.

1-877-9-QUATRO
quatroair.com

30 Hymus Blvd, Pointe-Claire, Quebec H9R 1C9

AF2000

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.

AF1000

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.

AF600

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.

AF400

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.