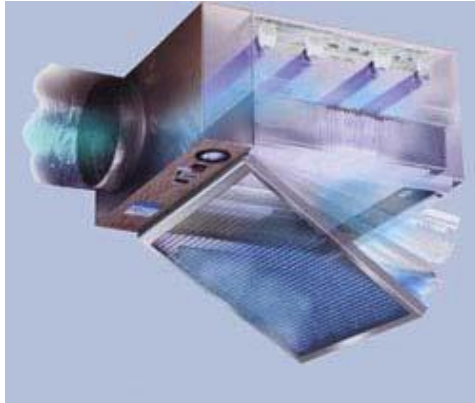


AAF - FFU (Fan Filter Units) With UV Lamp

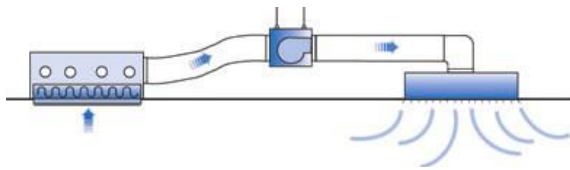
Negative Pressure Isolation Rooms, Positive Pressure Isolation Rooms

All Biological Controls (AAF) air purification systems and equipment are HEPA filtered and comply with CDC Guidelines and FDA 510K certified, mandatory for air purification systems and equipment for in hospital and medical facilities use. It utilizes the high quality AAF "Astracel - I / II" HEPA (High Efficiency Particulate Air) Filters. Customizable as per the applications. Negative Isolation Rooms for Pandemic Preparedness of Avian Bird Flu, Influenza, H5N1 can be created with the same equipment.

Additional Applications Positive Pressure Isolation Rooms: Greater air pressure in the isolation room than in the adjacent corridor or anteroom. To prevent transmission from the outside environment. Profoundly immunosuppressed persons patients (HIV infection). Fungi Spores Examples: Prevention of aspergillosis in bone-marrow transplant recipients. Anthrax, Erythrocytes, Micropolyspora



FFU with UV Light
Pre-Filter & HEPA Filter with Side Air Inlet Connection



AAF - FFU with Germicidal UV
Features for an Isolation Room System
Create negative pressure isolation rooms
Create positive pressure isolation rooms
3 capacity fans 1/5, 1/4, 1/2 HP
HEPA filtered
Ceiling or shelf mounted
Filter replacement from room side
Built-in Mini-helic pressure gauge (Optional)
Self-contained or isolated fan or In-Line Fan (Blower)
Choice of CFM capacities depending on the size of the negative pressure isolation room and/or positive pressure isolation room
Filtered exhaust can be to outside of the isolation room, exhaust, ventilation, ceiling plenums or return air system back into the isolation room
One base model w/UV option
All equipment units interface with ACCUSTAT® Isolation Room Monitor

3 Models Available

BM Specs	Blower Module 1/5 HP	Blower Module 1/4 HP	Blower Module 1/2 HP
Part Number	EXC7 BM 1.2 115V (only)	EXC7 BM 1.25 (115V) Or EXC7 BM 2.25 (230V)	EXC7 BM 1.5 (115V) Or EXC7 BM 2.25 (230V)
Blower Type	PSC Direct Drive Fwd Curve	PSC Direct Drive Fwd Curve	PSC Direct Drive Fwd Curve
Bearing Type	Perm. Lub Sleeve	Perm. Lub Ball	Perm. Lub Ball
Volts	115V, 50/60Hz 1Ph	115V or 230V, 50/60Hz 1Ph	115V or 230V, 50/60Hz 1Ph
FLA Amps	2.2-3.3 Amps	3.66A@115V, 1.8@230V	3.66A@115V, 1.8@230V
HP/Speed	1/5 HP, 2-speed	1/4 HP, single speed	1/2 HP, single speed
Elec. Protection	Auto-Reset Thermal Overload	Auto-Reset Thermal Overload	Auto-Reset Thermal Overload
Free Air CFM	549 / 797 CFM	990 CFM	1202 CFM
Delivered CFM	435 / 495 CFM	500 CFM	800 CFM
RPM	970 / 1360	1080	1390
Service	Maintenance Free	Maintenance Free	Maintenance Free
Mount Position	ALL POSITIONS	ALL POSITIONS	ALL POSITIONS
Oper. Temp	-20° to 104° F	-20° to 104° F	-20° to 104° F
FM Interface	Cable & Chassis Connector Included	Cable & Chassis Connector Included	Cable & Chassis Connector Included
Facility Elec Interface	2X4" Elec Box Included	2X4" Elec Box Included	2X4" Elec Box Included
Fuse/Breaker	5A FUSE	10A Circuit Breaker	10A Circuit Breaker
Hangers	4 Eye-Hooks	4 Eye-Hooks	4 Eye-Hooks
Chassis	20ga Galvz Steel, Powder Coat Paint	20ga Galvz Steel, Powder Coat Paint	20ga Galvz Steel, Powder Coat Paint
Duct Collars	10"Diam x 2"high 2ea-In and Out	12"Diam x 2"high 2ea-In and Out	12"Diam x 2"high 2ea-In and Out
Weight	30 LBS	36 LBS	49 LBS
Dimensions	13.5"x13.5"x13.5" (W x L x H)	18"x17"x15" (W x L x H)	18"x17"x15" (W x L x H)
Agency	FDA Approval	FDA Approval	FDA Approval



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