



## Air Filtration System Type FA 2000 HSZ



### SYSTEM FEATURES:

- High air change rate
- High efficiency HEPA filter
- Radiation source integrated
- Extremely low noise level
- Compact and portable unit
- Airflow rates up to 2200 m<sup>3</sup>/h
- Very simple filter change
- Heavy duty design for professional applications



Air Cleaner as  
Recirculation Unit



Low Cost Isolation Rooms



Collapsible Isolation Chambers



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**IsoArk Filtration System Type FA 2000 HSZ**

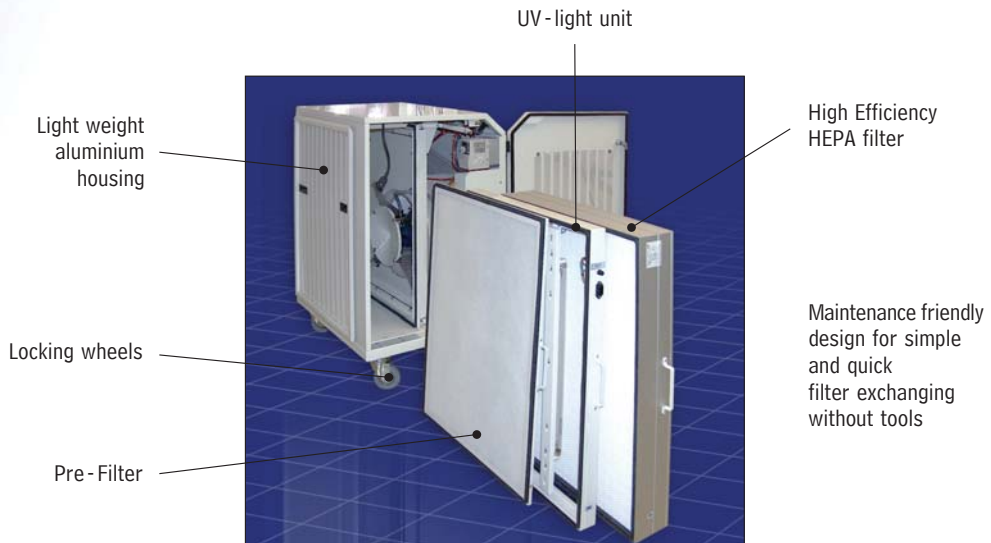
The IsoArk Filtration System FA 2000 HSZ is a self contained, mobile unit. It is equipped with a high efficient HEPA filter and a radiation source. The HEPA filter traps the airborne particulates, aerosols and viruses where the radiation source then destroys them. This dual process avoids the accumulation of living microorganisms in the system.

The IsoArk Filtration System is used as:

- An air recirculating unit in a room to minimize the spread of airborne disease, by providing a large number of air changes when delivering up to 2200 m<sup>3</sup>/h filtered air.
- A fast and economical solution for changing a standard room into a negative pressure isolation room.
- A mobile application in conjunction with the IsoArk - Isolation Chamber for rapid erection in any place that is required.

**Applicable Standards:**

- HEPA Filter Efficiency EN1822 IEST-PR-CC001.3
- Filtration system certified according to medical standards
- FA 2000 HSZ Certified according IEC 60601-1
- FA 2000 HSZA Certified according UL 60601-1 UL 507



**Technical Specifications:**

Electrical data	FA 2000 HSZ	FA 2000 HSZA	FA 2000 HSZB	
Nominal voltage (1 phase)	230	115	100	V AC
Power consumption	550	680	680	Watt
Nominal frequency	50	60	60	Hz
Airflow rates	1000/1400/2200 (591/823/1300)			m <sup>3</sup> /h (cfm)
Noise level	52/56/65			dB
Filtration efficiency with particle size of 0.3 µm at nominal airflow :				
Standard : H13	99.995 %			
Optional : U15	99.99995 %			
Optional : Combi filter	Combined HEPA-filter and activated carbon filter			
Weight	91 (202)			kg (lbs)
Length	744 (29.3)			mm (inch)
Height	1076 (42.4)			mm (inch)
Width	703 (27.7)			mm (inch)

Specifications are subject to change without prior notice



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