

AERO-CLEAN 850™ UV

HEPA filtration and Negative Pressure Machine



Negative pressure rooms are used in healthcare settings to contain airborne contaminants within an infected occupant’s room. The AERO-CLEAN 850™ UV is a built-in HEPA filtration system to provide the most effective mechanical filtration available.

This lightweight device creates HEPA filtered air for healthcare and public utility, removing contaminated air from a closed controlled area. With HEPA Filters contained within the unit along with the UV, potentially dangerous particles are removed from the exhausted air at high efficiency.

Unit consists of a carbon filter pleated combined with G4 filtration efficiency, followed by a Gel Seal HEPA Filters ensuring 100% leak free operation and with 2 nos of 250 Nano meter UV-C lamps to destroy pathogens even at a flow of 500 CFM. An Automatic volume calculator is available in the programme that warns user about the area covered while in operation.

ONE MACHINE - MULTIPLE APPLICATIONS!

AERO-CLEAN 850™ UV is designed as a multi-purpose machine. This can be used as a negative pressure machine using the provision of optional exhaust collar inside the machine. Connecting a flexible duct to this point will turn the machine to a negative pressure unit. The same when applied from outside can create positive pressure to a closed controlled area. Machine could also serve as a stand-alone air purifier with true HEPA filtration used in recirculation of inside air.

FEATURES	SPECIFICATIONS
Net weight with filters	25 Kg
Unit Dimensions	600 W x 530 D x 1000 H (mm)
Power Supply	220 V AC, 50 Hz, 15 amp circuit
Maximum Current Draw	2.5 amps
Restart Options	Manual or Auto mode to be selected after temporary power interruption
Cabinet Material	Epoxy Powder Coated Steel / Stainless Steel
Control Panel	LCD touch screen control
Power Cord	Heavy Duty 1.5mm 3 core, 3M long Black cord
Filter Loading indicator	Visual alarm on LCD screen with audible alarm
Airflow Variants	3 speed setting produce an airflow range between 150 ~ 850 CMH
Cleaning Capacity	2000 Cubic Feet @ 15 Air Changes per hour
Sound Level	52 dBA~ 59 dBA
Pre filter	Carbon impregnated G4 Pre filters media pleated design in cardboard frame
HEPA Filter	HEPA Filters with microfine glass fiber H14/99.95% @ 0.12 micron, Gel Seal gasket
UV Lamp	2 Nos UV-C with 250 Nano Meter wavelength
Exhaust Outlet	200mm nominal diameter exhaust collar (Optional)