FILTR
DETECT AND PROTECT

REVOLUTION

Science Based Protection
FILTR's Revolution was engineered based on how the cleanest FDA regulated environments in the world are designed and maintained for optimum product and people protection from airborne contaminants.
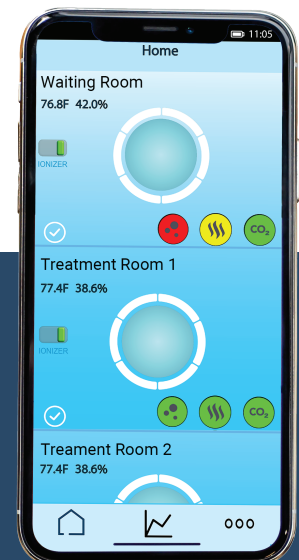
HEPA™
With its HEPA technology, Revolution removes 99.95% of all particles such as mold spores, bacteria and viruses. With filtration down to 0.01µm, you can be assured you are protected from harmful airborne contaminants.

Create a Clean Air Buffer to Protect Patients and Staff
Clean your recovery rooms, treatment rooms and isolation rooms using the cleanroom filter technique. Add more HEPA filtered air to these rooms to reduce particle levels. No upgrade or reconstruction of your air handling system required. Reduced particle level in your rooms means reduced risk of infection.

FEATURES

- Commercial Grade Air Purification
- Removes Bacteria, Viruses and Microbes
- Carbon Filter
- Removes Harmful Volatile Organic Compounds (VOC) from the air
- Cleanroom Grade HEPA Filtration down to 0.01 micron
- Duct Air In or Out to Positively or Negatively Pressurize a Room
- Onboard Sensors provide Real Time Environmental Data Status for PM 2.5, VOC, Temperature and Humidity

FILTR
DETECT AND PROTECT

30.50 in [77.47 cm]

15.30 in [38.88 cm]

Clean Airflow Out   Clean Airflow Out

Handles (left and right side)

Airflow In
Airflow In
Airflow In

TECHNICAL DATA SHEET

REVOLUTION DETECT AND PROTECT

Features	with Carbon Filter	without Carbon Filter
Low Speed	165 CFM (204 m³/h)	300 CFM (509 m³/h)
Medium Speed	320 CFM (425 m³/h)	500 CFM (849 m³/h)
High Speed	490 CFM (833 m³/h)	700 CFM (1889 m³/h)
Air Changes Per Hour	2.5 (11,760 cubic feet at 490 CFM)	3.5 (12,000 cubic feet at 700 CFM)

Filtration	Pre Filter, Activated Carbon Filter, HEPA (98 sqft media), Bi-Polar Ionization
EN 1822 classification for HEPA	HEPA Class H13
HEPA Efficiency	99.77% Removal Efficiency at 0.023 µm at 490 CFM
Total System Efficiency	>99.995% (Cert Supplied with every unit)
Ozone Emissions	None
Coverage Area	Approximately 1,500 ft2 with an 8 foot ceiling (11,760 ft3)
Onboard Sensors	Particle Mass (PM2.5), VOC, Temperature, Humidity
Housing	Reflective White Powder Coated Aluminum
Control	Local Switch or Remote Via WiFi and Phone App
Mounting	Floor or optional wall or ceiling mounting available
Sound Power Levels	Low 51 dB, medium 56 dB, high 60 dB
Fan Speeds	3 Fan Speeds (low, medium, high)
Power Requirements	100-120 volts 60 Hz/2.0 amps or 220-240 volts 50/60 Hz/1.1 amps
Weight	39 lbs. (17.7 kg)
Dimensions	Height 30.5" (77.47 cm), width 15.3" (38.8 cm)
Operating Temperature/Humidity	50°F to 104°F (10°C to 40°C), 20% to 95% relative humidity, non-condensing
Warranty	1 Year

Included: HEPA Filter, Activated Carbon Filter, Onboard Sensors (PM 2.5, VOC, Temperature, Humidity), Pre-Filter, iPhone or Android App downloadable from the App store, 4x Wheels, 6 foot power cord.

Optional: Wall Mount or Ceiling Mount Brackets, 10" Inlet Duct Adapter, and 10" Outlet Duct Adapter

DISTRIBUTED BY:

CE

MADE IN USA

www.golighthouse.com
info@golighthouse.com

1-800-945-5905 (Toll Free)
1-541-770-5905 (Outside of USA)

FILTR
DETECT AND PROTECT