

# 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 Patient and Staff

Clean your recovery room, treatment room and isolation room 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 room means reduce 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





# TECHNICAL DATA SHEET

## REVOLUTION DETECT AND PROTECT

Features	with Carbon Filter	without Carbon Filter
<b>Low Speed</b>	200 CFM (339 m <sup>3</sup> /h)	300 CFM (509 m <sup>3</sup> /h)
<b>Medium Speed</b>	350 CFM (594 m <sup>3</sup> /h)	500 CFM (849 m <sup>3</sup> /h)
<b>High Speed</b>	500 CFM (849 m <sup>3</sup> /h)	700 CFM (1889 m <sup>3</sup> /h)
<b>Air Changes Per Hour</b>	2.5 (12,000 cubic feet at 500 CFM)	3.5 (12,000 cubic feet at 700 CFM)
<b>Filtration</b>	Pre Filter, Activated Carbon Filter (5 lbs.), HEPA (98 sqft media)	
<b>EN 1822 classification for HEPA</b>	HEPA Class H13	
<b>HEPA Efficiency</b>	99.95% at 0.2µm (MPPS)	
<b>Total System Efficiency</b>	>99.995% (Cert Supplied with every unit)	
<b>Ozone Emissions</b>	None	
<b>Coverage Area</b>	12,000 cubic feet	
<b>Onboard Sensors</b>	Particle Mass (PM2.5), VOC, Temperature, Humidity	
<b>Housing</b>	Reflective White Powder Coated Aluminum	
<b>Control</b>	Local Switch or Remote Via WiFi and Phone App	
<b>Mounting</b>	Floor or optional wall or ceiling mounting available	
<b>Sound Power Levels</b>	Low 51 dB, medium 56 dB, high 60 dB	
<b>Fan Speeds</b>	3 Fan Speeds (low, medium, high)	
<b>Power Requirements</b>	100-130 volts 50/60 Hz/1.7 amps or 200-240 volts 50/60 Hz/0.9 amps	
<b>Weight</b>	39 lbs. (17.7 kg)	
<b>Dimensions</b>	Height 30.5" (77.47 cm), width 15.3" (38.8 cm)	
<b>Operating Temperature/Humidity</b>	50°F to 104°F (10°C to 40°C), 20% to 95% relative humidity, non-condensing	
<b>Warranty</b>	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

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\* Patent Pending  
Lighthouse Worldwide Solutions reserves the right to change specifications without notice.



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