# Revolution

### DETECT AND PROTECT

### Science Based Protection

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 contaminents.

### HEPA™

With its HEPA technology, Revolution removes 99.95% of all particles such as mold spores, bacteria and viruses. With filtration down to 0.01 micron you can be assured you are protected from harmful airborne contaminants. The total system efficiency is even more than 99.995% measured with 0.3µm particles. The test certificate is provided with every unit.

### 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.
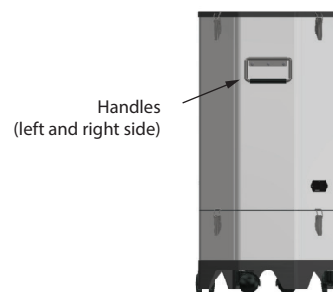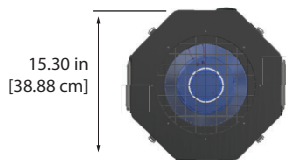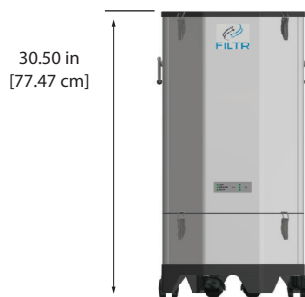
### F E A T U R E S

- Commercial Grade Air Purification
- Removes Bacteria, Viruses and Microbes
- 5 lbs 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 Satus for PM 2.5, VOC, Temperture and Humity

## Detect and Protect

FILTR

30.50 in
[77.47 cm]

15.30 in
[38.88 cm]

Clean Airflow Out    Clean Airflow Out

Airflow In

Airflow In    Airflow In

Handles
(left and right side)

## Revolution Detect and Protect

**Features**

| | | |
|---|---|---|
| **Low Speed** | 200 CFM (339 m³/h) | |
| **Medium Speed** | 350 CFM (594 m³/h) | |
| **High Speed** | 500 CFM (849 m³/h) | 700 CFM (1189 m³/h) |
| | | without Carbon Filter |

| | |
|---|---|
| **Filtration** | Pre Filter, Activated Carbon Filter (2.2 lbs.), HEPA (98 sqft media) |
| **EN 1822 classification for HEPA** | HEPA Class H13 at 350 CFM |
| **HEPA Efficiency** | 99.95% at 0.2μm (MPPS) |
| **Total sytem efficiency** | >99.995% (Cert supplied with every unit) |
| **Coverage Area** | 12,000 cubic feet |
| **Onboard Sensors** | Particle Mass (PM2.5), VOC, Temperature, Humidity |
| **Housing** | White Powder Coated Aluminum |
| **Control** | Local Switch or Remote Via WiFi and Phone App |
| **Mounting** | Floor or optional wall or ceiling mounting available |
| **Power Requirements** | 100-130 volts 50/60 Hz/1.7 amps or 200-240 volts 50/60 Hz/0.9 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% relativity humidity, non-condensing |
| **Warranty** | 1 Year |

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

**Optional:** Wall Mounting Brackets, Ceiling Mounting Brackets, 10" Inlet Duct Adapter, 10" Outlet Duct Adapter.

**Distributed By:**

**ccstec**

**PARTIKELMESSTECHNIK**

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