

FILTRCR500c/CR700

D E T E C T A N D P R O T E C T



Science Based Protection

The CR500c / CR700 were 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.

UltraHEPA™

With its UltraHEPA technology, the CR500c and CR700 remove 99.95% of all particles such as Mold Spores, Powdery Mildew, Botrytis, Smoke Particles and Viruses. With filtration down to 0.001 micron you can be assured of both plant and people protection from harmful airborne contaminants.

Active Air Filtration & Sanitization

The CR500c and CR700 both come with patented bipolar ionization that can be turned on/off via the FILTR App. This bipolar ionization outputs millions of ionized oxygen molecules into the environment. These molecules neutralize chemical compounds, reduce VOC's and destroy mold and bacteria on surfaces. This patented technology does not produce ozone.

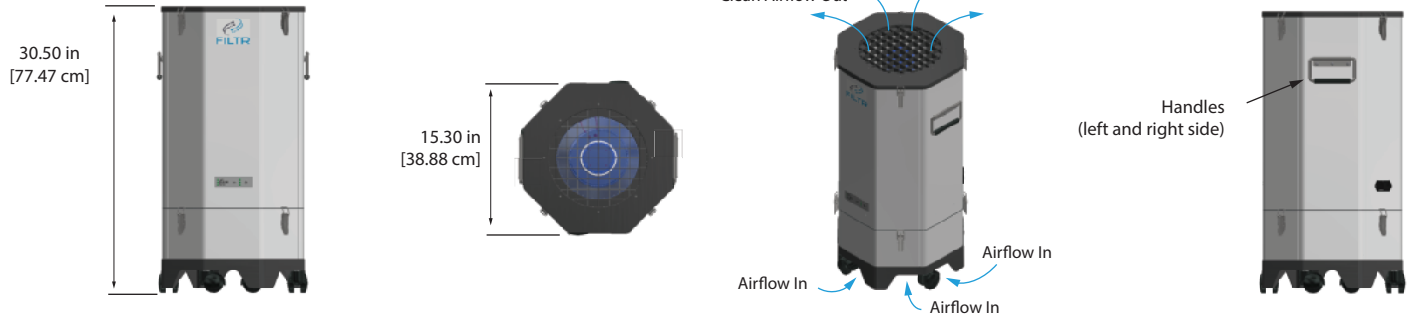
Science Based Detection

Spore (particle) count increases in the air during an outbreak of Powdery Mildew or any other microbial contamination outbreak. Early detection is key in order to reduce risk of crop damage or product loss. The CR500c and CR700 have an integrated particle mass (PM 2.5) detector that both senses and records the increase in counts and reports it back to the FILTR App.

F E A T U R E S

- Purpose Built Air Purification Unit for the Cannabis Space
- Stops Powdery and Downy Mildew
- Removes Bacteria, Virus and Microbes
- Protect Your Crops and Your Employees
- Clean Room Grade HEPA Filtration down to 0.001 Micron
- Duct Air In or Out to Positive or Negatively Pressurize a Room
- Treats Air and Surface Contamination with optional Bi Polar Ionization
- No Ozone Emissions
- Onboard Sensors Provide Real Time Environmental Data Status for PM2.5, Temperature, Humidity





T E C H N I C A L D A T A S H E E T

FILTR CR500c/CR700 Detect and Protect

Features	CR500c	CR700
Low Speed	200 CFM (339 m ³ /h)	300 CFM (509 m ³ /h)
Medium Speed	350 CFM (594 m ³ /h)	500 CFM (849 m ³ /h)
High Speed	500 CFM (849 m ³ /h)	700 CFM (1889 m ³ /h)
Air Changes Per Hour	2.5 (12,000 cubic feet at 500 CFM)	3.5 (12,000 cubic feet at 700 CFM)
Filtration	Pre Filter, Activated Carbon Filter (2.2 lbs.), UltraHEPA (98 sqft media)	
EN 1822 classification for UltraHEPA	HEPA Class H13 at 700 CFM	
UltraHEPA Efficiency	99.95% at 0.2µm, 99.5% at ≥ 0.001µm	
Active Air Filtration	Patented Bi Polar Ionization	
Ozone Emissions	None	
Coverage Area	12,000 cubic feet	
Onboard Sensors	Particle Mass (PM2.5), , 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	100-130 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: UltraHEPA Filter, Activated Carbon Filter, Pre-Filter, Bi Polar Ionization, Onboard Sensors (PM 2.5, Temperature, Humidity), iPhone or Android App downloadable from the App store, Wheels, 6 foot power cord.

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

Distributed By:



Lighthouse Worldwide Solutions reserves the right to change specifications without notice.

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