

## PRODUCT BULLETIN

# PURASHIELD MINI

### Key Features:

- Don't just capture microbials, destroy them on contact
- Quickly and effectively removes harmful viruses, bacteria, mold, and smoke from the air
- Uses a disposable 3-layer filter
- Equipped with an antimicrobial filter layer using PuraWard® technology that eliminates viruses and bacteria
- Includes Purafil's patented antimicrobial dry chemical media blend that eliminates viruses and bacteria
- HEPA filtration for harmful particulate matter: 99.99% of PM<sub>2.5</sub>, and 99.97% of PM<sub>0.3</sub>
- Also removes toxic and damaging gaseous pollutants
- Compact and versatile design can be mounted on the car dashboard, on the center console, or behind the headrest.

### Ideal For Use In:

- Cars
- Large SUVs
- Minivans

### Engineering Specifications

Overall Dimensions:	7.9" x 5.6" x 2.4" (200 mm x 142 mm x 60 mm)
Package Dimensions:	12.0" x 8.3" x 3.3" (304 mm x 212 mm x 84 mm)
Weight:	1.3 lbs (0.6 kg)
Controller:	Side face, push buttons
Colors:	White with black
Power Indicator:	LED
Car Volume:	190 ft <sup>3</sup> (5.3 m <sup>3</sup> )
Temperature Range:	0°C to 40°C (32°F to 104°F)
Air intake:	Rear intake through a low pressure diffuser grill
Air Outlet:	Front face outlet with a low pressure diffuser grill.

**Destroys up to 99.98% of Target Viruses & Bacteria**



### PURAWARD FIBER HAS BEEN TESTED TO REMOVE THE FOLLOWING MICROBIALS:

Virus	Reduction Rate
H1N1	99.91%
H7N9	99.98%
SARS	99.58%

Bacteria / Fungus	Reduction Rate
S. aureus	99.95%
E. Coli	99.96%
C. albicans	98.90%

### PURAFIL ANTIMICROBIAL MEDIA HAS BEEN TESTED TO REMOVE THE FOLLOWING MICROBIALS:

Virus	Killing Rate
H1N1	99.49%
Bacteria	Killing Rate
Staphylococcus Albus	93.78%

### Power

Input Power:	2.6 W (max)
Input Voltage:	12 VDC
Input Cord Length:	3.28 ft. (1m)
Speed Settings:	2 adjustable speeds
Airflow Delivery:	2.35 CFM (4 CMH)
Sound Pressure Level:	≤ 44 dB at high speed

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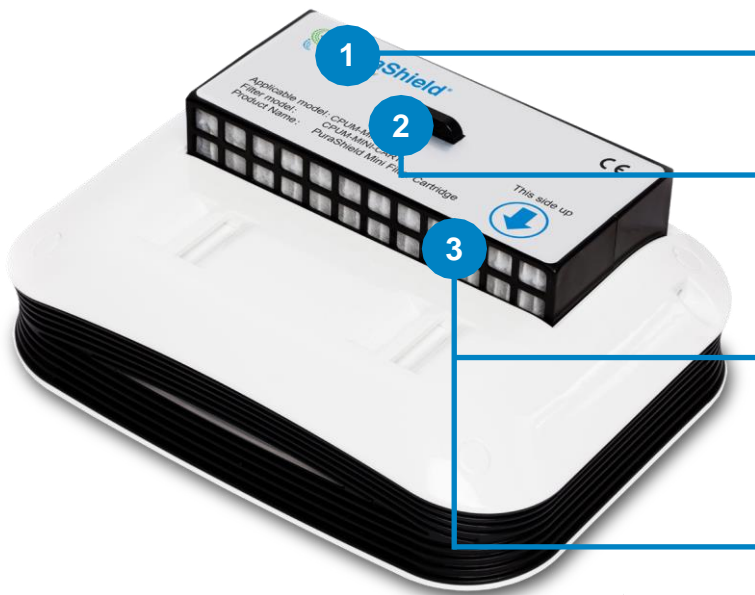
Certifications	
OCCertified:	Yes
UL Certified:	Pending
OECertified:	Yes
CADR:	4 m3/hr
Materials	
Housing:	ABS plastic, non off-gassing, recyclable, UV-stabilized
Fan:	Plastic
OCCertified:	Yes
Accessories	
Included:	Power cord (USB & 12V socket plug), mounting mat, strap

### Antimicrobial Fibers:

The PuraWard Fiber is a high efficiency fiber embedded with copper and silver ions that jointly attack bacteria and viruses. PuraWard fiber has been successfully applied to air filters, textiles, and respiratory masks approved by the FDA for their antibacterial and antiviral properties in surgical environments.

### Antimicrobial Chemical Filtration:

Developed and manufactured in the USA, our patented dry chemical filtration media destroys target viruses and bacteria on contact through oxidation.



### Pre-filter

Traps dust, pollen and other large particulate matter.

### Chemical Filtration

Patented antimicrobial media eliminates target viruses and bacteria (using oxidation), while removing toxic and harmful gases from the air.

### Antimicrobial Fiber

Patented PuraWard fiber with antimicrobial properties (using copper and silver ions) that eliminates target viruses, bacteria, and mold, providing added protection

### HEPA Final Filter

Captures PM<sub>0.3</sub>, PM<sub>2.5</sub> and other particulates, allergens, bacteria and viruses.



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