



PURGE VIRUS

PORTABLE
COUNTER or WALL MOUNT DEVICE

Self-Contained Air Purification System

Compact and Portable

This Device Reduces **Viruses**, Bacteria and other VOCs within the Air Purifier



POWER INFORMATION

Input Voltage: 100-240 V AC

Input Frequency: 50/60 Hz

Power Supply Output Voltage: 12 V DC

Amperage: 0.800 A

Electric Consumption: 9.6 W

Power Supply Capacity: 2.08 A

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SIZING INFORMATION

4 different model #s are available with varying degrees of plasma/ionization output. The key is to balance the size of the room with the Air Changes per hour (ACH). As an example, a room like a dental operator that is 10' x 11.5' (115 sq ft) with 8 ACH, the PR20 is the best choice. See the chart below:

Air Changes per Hour (ACH)	Suggested Conditioned Area in sq ft (based on 8 ft ceilings)			
	PR05	PR10	PR20	PR30
0	115	300	477	1060
1	84	216	345	839
2	66	168	265	589
4	44	115	186	415
6	35	88	142	316
8	27	71	115	257

Each of the different models is the same size. Length: 10.6" Width: 4.0" Height: 8.6"
Weight: 3.85 lbs Power Cord Length: 8'

FEATURES

- Universal Power Supply
- Adjustable Output Remote Control
- Optional Wall Mount Kit
- Portable, Space Saving Design
- Eliminate odors, smoke, and chemicals
- Reduce bacteria, viruses, mold, and other micro-contaminants
- Improve the hygiene in the air and on surfaces
- Certified to be safe, proven to be effective
- Portable or fixed installations – take it wherever you go
- Completely automated and chemical-free
- Maintenance free – requires simple annual UV lamp replacement



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How does the PR series work?

Ultraviolet light, ozone, photoplasma, and negatively-charged ions exist in Nature as powerful and effective disinfectants, perfectly designed to destroy odors, bacteria, viruses, mold, and mildew, and to break down unwanted chemicals and compounds.

- UV light is powerful enough to penetrate the cell walls of bacteria and viruses, shattering their DNA, making it impossible for them to grow and reproduce.
- Negatively-charged ions attract and bind with contaminants in the air, weighing them down.
- Photoplasma oxidizes and sanitizes
- Photo-catalytic oxidation breaks down pollutants (including nicotine, urea, and ammonia)

WARRANTY

Warranty valid in United States and Canada. Contact factory for warranty in other countries. One year Parts and Labor on entire unit.

Product Certifications:



Validation Studies:

>99.999% of surface E. coli – Test 1 and 2 below

>99.999% of surface Listeria 100% of surface Salmonella – Test 2 below

98.24% of airborne bacteria – Test 3 below

100% of airborne H2S – Test 4 below

>99.999 of Avian Influenza Virus (H5N2) – Test 5 below

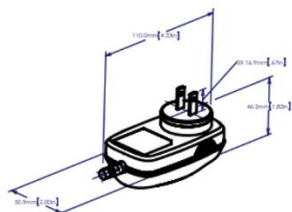
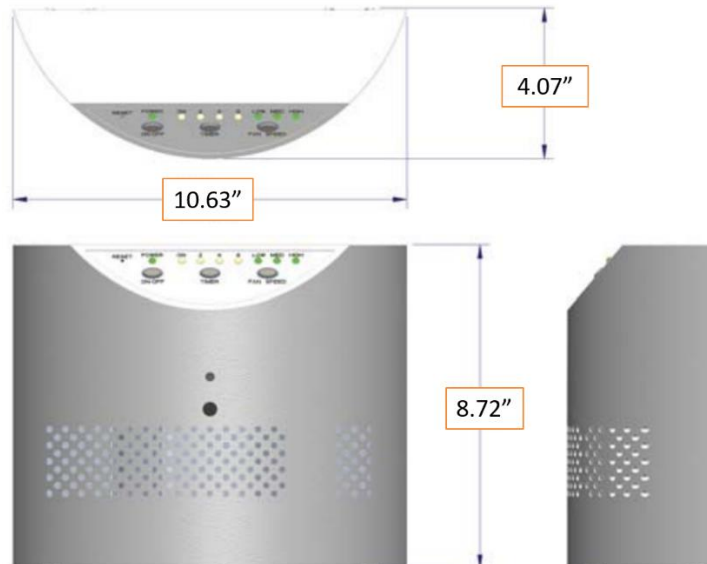
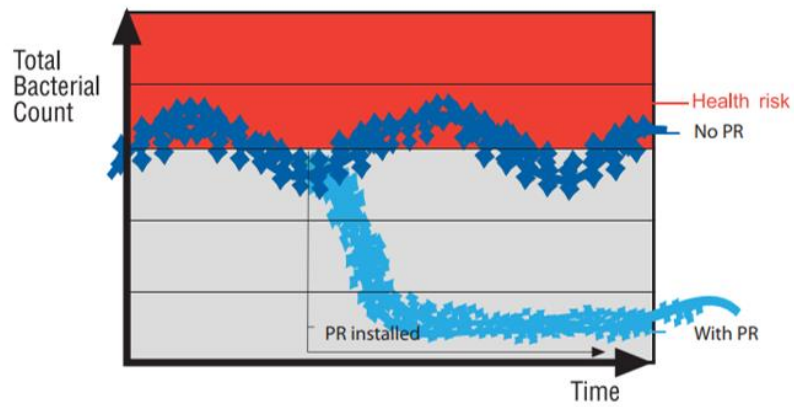
>99.999 of Parainfluenza Virus (hPIV-3) – Test 5 below

- 1 Test performed by Pennsylvania State University
- 2 Test performed by Tri-Tech Analytical Laboratories
- 3 Test performed by LAWN Environmental Ltd
- 4 Test performed by SMQ Academy
- 5 Test performed by CNRS



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Power Supply



UV Lamp