

# PRODUCT SPECIFICATION

# BSG PR

**Product Family:** AIRCARE

**Model:** PR-05, PR-10, PR-20, PR-30

**Description:** Air and Surface Purifier

## Power Information

<b>Input voltage:</b>	100-240 V AC
<b>Input frequency:</b>	50 Hz & 60 Hz
<b>Power supply output voltage:</b>	12 V DC
<b>Amperage:</b>	0.800 A
<b>Electric consumption:</b>	9.6 W
<b>Power supply capacity:</b>	2.08 A

## Sizing information

- Effective in rooms up to 100m<sup>2</sup> (1060ft<sup>2</sup>)

## Features

- Universal power supply
- Adjustable output
- Remote control
- Optional wall mount kit
- Portable, space saving design

## Applications

- Virus and bacteria disinfection
- Portable or fixed virus shield
- Care homes / nursing homes
- Food odour removal
- Garbage collection areas
- Smoke removal

## Warranty

One year parts and labor on entire unit.

## BSG PR System

- Reduce viruses, bacteria, mould, and other micro-contaminants
- Eliminate odours, smoke, and chemicals
- 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
- **Minimal Maintenance** – requires simple annual UV lamp replacement



e: [technical@bsg-uv.com](mailto:technical@bsg-uv.com)

t: +44 (0) 79514 41326

w: [bsg-uv.com](http://bsg-uv.com)

a: 72 Paris St, Exeter EX1 2JY

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## Validation studies

BSG technology is shown to reduce:	By up to (%)
Avian Influenza Virus (H5N2) <sup>1</sup>	>99.999
Parainfluenza Virus (hPIV-3) <sup>1</sup>	>99.999
Surface E. coli <sup>2,3</sup>	>99.999
Surface Listeria <sup>3</sup>	>99.999
Surface Salmonella <sup>3</sup>	100
Airborne bacteria <sup>4</sup>	98.24
Airborne H <sub>2</sub> S <sup>5</sup>	100

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

## PR selection chart

	PR-05	PR-10	PR-20	PR-30
0	115ft <sup>2</sup> /11m <sup>2</sup>	300ft <sup>2</sup> /28m <sup>2</sup>	477ft <sup>2</sup> /45m <sup>2</sup>	1060ft <sup>2</sup> /99m <sup>2</sup>
1	84ft <sup>2</sup> /8m <sup>2</sup>	216ft <sup>2</sup> /20m <sup>2</sup>	345ft <sup>2</sup> /32m <sup>2</sup>	839ft <sup>2</sup> /78m <sup>2</sup>
2	66ft <sup>2</sup> /7m <sup>2</sup>	168ft <sup>2</sup> /16m <sup>2</sup>	265ft <sup>2</sup> /25m <sup>2</sup>	589ft <sup>2</sup> /55m <sup>2</sup>
4	44ft <sup>2</sup> /5m <sup>2</sup>	115ft <sup>2</sup> /11m <sup>2</sup>	186ft <sup>2</sup> /18m <sup>2</sup>	415ft <sup>2</sup> /39m <sup>2</sup>
6	35ft <sup>2</sup> /4m <sup>2</sup>	88ft <sup>2</sup> /9m <sup>2</sup>	142ft <sup>2</sup> /14m <sup>2</sup>	316ft <sup>2</sup> /29m <sup>2</sup>
8	27ft <sup>2</sup> /3m <sup>2</sup>	71ft <sup>2</sup> /7m <sup>2</sup>	115ft <sup>2</sup> /11m <sup>2</sup>	257ft <sup>2</sup> /24m <sup>2</sup>

## Contents

- PR
- Remote control
- UV lamp (pre-installed)
- Owner's Manual and Installation Guide
- Wall anchor (optional)
- Mounting screws (optional)

## Reorder information

Parts	Code
PR-05	10-08010
PR-10	10-08025
PR-20	10-08050
PR-30	10-08100

## Specifications

Length	269.24mm (10.6")
Width	101mm (4.0")
Height	218.44mm (8.6")
Weight	1.75kg (3.85 lbs)
Power cord length	2.7m (8')

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