PRODUCT SPECIFICATION
BSG PR

Product Family: AIRCARE
Model: PR-05, PR-10, PR-20, PR-30
Description: Air and Surface Purifier

Power Information

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

Sizing information

— Effective in rooms up to 100m² (1060ft²)

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 odor removal
— Garbage collection areas
— Smoke removal

Warranty

One year parts and labor on entire unit.

BSG PR System

— Reduce viruses, bacteria, mold, and other micro-contaminants
— Eliminate odors, 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

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101mm
[4.0in]

218.44mm
[8.6in]

269.24mm
[10.6in]

8.0mm [.31in]

Ø18.5mm [.73in]

214.7mm [8.45in]

Validation studies

BSG technology is shown to reduce:	By up to (%)
Avian Influenza Virus (H5N2)[1]	>99.999
Parainfluenza Virus (hPIV-3)[1]	>99.999
Surface E. coli[2],[3]	>99.999
Surface Listeria[3]	>99.999
Surface Salmonella[3]	100
Airborne bacteria[4]	98.24
Airborne H_2S[5]	100

1. Test performed by CNRS
2. Test performed by Pennsyvania 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	115ft²/11m²	300ft²/28m²	477ft²/45m²	1060ft²/99m²
	1	84ft²/8m²	216ft²/20m²	345ft²/32m²	839ft²/78m²
Air Changes Per Hour (ACH)	2	66ft²/7m²	168ft²/16m²	265ft²/25m²	589ft²/55m²
	4	44ft²/5m²	115ft²/11²	186ft²/18m²	415ft²/39m²
	6	35ft²/4m²	88ft²/9m²	142ft²/14m²	316²/29m²
	8	27ft²/3m²	71ft²/7m²	115ft²/11m²	257ft²/24m²

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')

BSG