

# BioSpray Power Pack™

Portable Sanitizing & Disinfecting

## Light Duty LD-5 Backpack Product Specifications

Portable · Light Weight · Aircraft Aluminum Design  
No Electricity · Fire-Safe · Non-Corrosive Spray  
Patent-Pending Technology

As low as  
**1.9¢**  
per square foot

**Service Rating:** Light Duty

**Electric Power Required:** No

**Removable CO<sub>2</sub> Cylinder  
Patent Pending Technology:** Yes

**Rinse Required:** No

**Rub Required:** No

**Patent Pending  
Spray Design Type:**<sup>1</sup> Intermittent

**Total Spray Time  
between CO<sub>2</sub> Refill:**<sup>2</sup> 23 minutes

**Coverage Speed**<sup>2</sup>  
Sanitation: 3.45 seconds per square foot  
Disinfection: 4.18 seconds per square foot

Sanitation: 1045 square feet per hour  
Disinfection: 865 square feet per hour

**Formula Usage**<sup>2</sup>  
Sanitation: 1.34 milliliters per square foot  
Disinfection: 4.54 milliliters per square foot

**Coverage Area**<sup>2</sup>  
Sanitation: 390 sq. ft. per 5 lb. CO<sub>2</sub> cylinder  
Disinfection: 325 sq. ft. per 5 lb. CO<sub>2</sub> cylinder

Sanitation: 750 square feet per liter  
Disinfection: 220 square feet per liter

Low  
Monthly Lease  
Payments



### Weight

- Full CO<sub>2</sub> cylinder inserted: 24.0 lbs.
- Empty CO<sub>2</sub> cylinder inserted: 19.0 lbs.
- CO<sub>2</sub> cylinder removed: 11.5 lbs.

### Dimensions

- Width: 14.75 inches
- Depth: 12.75 inches
- Height: 43" handle extended  
28" handle retracted

Light Duty

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## Return On Investment & Cost Benefit Analysis

Authorized BioSpray™ Distributors provide a custom Return On Investment (ROI) and Cost Benefit Analysis showing how quickly the BioSpray™ Sanitizing & Disinfecting System will pay for itself using independent laboratory certified data to calculate BioSpray's™ benefit compared to average quat-based, phenol-based, chlorine-based, alcohol-based and/or your current chemicals and labor costs.

## Full 2-Year Parts & Labor Warranty

The Light Duty LD-5 Backpack 2-Year Parts & Labor Warranty includes all parts and labor, excluding normal wear and tear or damage caused by without limit, abuse, dropping or running over.

Pay off in  
**2 mos.**<sup>4</sup>



Payments of  
**\$130  
Monthly**<sup>5</sup>

## Light Duty LD-5 Backpack

Part # 1PBSD5

### Portability Features

- ALICE Military Backpack
- Quiet Roll Wheels
- Extendable Pull Handle
- Removable Tank Technology



<sup>1</sup>BioSpray™ patent-pending Light Duty LD-5 Backpack and LD-10 models are designed to be freeze-resistant with intermittent spray use. Intermittent spray use is defined as spray time equal to or less than non-spray time and Light Duty models are freeze-resistant tested at intermittent spraying of at least three seconds spray and three seconds non-spray. BioSpray™ patent-pending Commercial PSD-20RT model is designed to be freeze-resistant with continuous spray use. Continuous spray use is defined as continuous spray time with no non-spray time and is freeze-resistant rated for continuous spraying time equal to the full contents of one CO<sub>2</sub> drive cylinder.

<sup>2</sup>Coverage speed, formula usage, area, and times are based on using Light Duty high volume low pressure atomizing spray gun.

<sup>3</sup>Per square foot rate is based on sanitizing 1000 square feet, 2010 Federal minimum wage with average burdens, average CO<sub>2</sub> costs, and bulk BioSpray D2™ Sanitizer & Disinfectant.

<sup>4</sup>Pay off is based on MSRP of \$3500US and ROI comparison to average cost of alcohol-based sanitizer using traditional sanitizing methods; refer to ROI/Cost Benefit Analysis for complete details and pay off schedules compared to other chemicals.

<sup>5</sup>Payments are based on \$5000US financed for 60 months and assumes 2-years in business and good credit; candidates must qualify.

For more information on BioSpray Power Pack™ systems & accessories or BioSpray D2™

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