



# PRIMELINE SPRAYER

## USER MANUAL



### DESCRIPTION

The B&G Primeline Sprayer is a hand-held, manually pumped sprayer designed for the application of water-based and oil-based formulations. The sprayer is available with several valve options, each allowing a variety of nozzles and tips. Please refer to the appropriate User Guide Addendum for additional details on your sprayer's features.

### SAFETY

Please ensure you have read and fully understood the safety precautions before operating this appliance. Instructions for use of this product will vary depending on chemical applications. Always read the product label when preparing your solution.

- Always comply with any requirements for Personal Protective Equipment (PPE) as required by the formulation label.
- This appliance is to be kept out of reach from children. However, it can be used by children aged 8 years and above, as well as persons with reduced physical, sensory or mental capacities or lack of experience and knowledge, provided they have been given supervision or instruction concerning use of the appliance in a safe way, and understand the hazards involved.
- Children should not play with, clean, or maintain the appliance.
- This sprayer can be used with water-based, oil-based, and solvent-based formulations.
- Do not pressurize tank with external air or gas source; do not pressurize above 50 psi / 3.45 bar
- Do not adjust the tip or change spray patterns while depressing the valve trigger.
- Taking care to not aim at face, open tank cap slowly or pull up pressure relief valve where fitted to release air. Keep tank upright when releasing pressure.
- Do not store or transport the unit while tank is pressurized.
- Refer to rating plate on tank of some models.

### Relevant Sprayer Model Numbers

Valve	US	EU	QR Code
Extenda-Ban	11004300	1108004173	
	11003284	1108004101	
	11003500	1108004109	
	11003710	1108004125	
	11003700	1108004116	
	11003950	1108004150	
	11004200	1108004171	
	11004375	1108004175	
	11003900	1108004137	
	11009812	1108004213	
XR	11001100	1108004077	
	11001400	1108004081	
	11001460	1108004083	
	11001425	1108004082	
	11001600	1108004084	
	11001800	1108004087	
Ban-Drip	11002600	1108004090	

## BEFORE USE

### INSPECT

- Inspect the hose, tank gasket, discharge valves, and nozzle for signs of wear or damage. These parts must be in full working condition to permit tank pressurization.

### FILL

- Mix all insecticides according to label directions.
- Unless otherwise specified by the label, when mixing insecticides in the tank, first add approximately half of the water, then the chemical, followed by the remainder of the water required.
- Note measurement marks on the side of the tank and mix accordingly.
- Replace the pump and tank cap assembly, be sure the tank gasket fits properly; tighten the cap until snug (do not over tighten).

### CHOOSE TIP

The B&G Primeline Sprayer has many nozzle options, depending upon the type of valve selected. Refer to the User Guide Addendum for your valve to learn more about changing and choosing tips.

### PRESSURIZE

- While some models come with a pressure gauge and pressure regulator fitted to the valve, others do not. They are available as optional accessories: pressure gauge (#22071635/1608003889) and pressure regulator (#22070460/1208001271).
- Disengage the handle from locked position by pressing down and turning 1/4 turn to the left.
- Pump plunger up and down until desired pressure for application is achieved (approximately 20-30 pumps depending on the tank capacity, fill level, and pump assembly size), then engage handle in the locked position.

## OPERATION

- Aim the wand/nozzle at the area to be treated.
- Squeeze the valve grip, liquid will exit in the pattern associated with the tip selected earlier.
- The flow rates of water at 20 psi / 1.38 bar are provided for the various tips in the User Manual Addendum, the most common are listed here. Always calibrate for the formulation you are using.

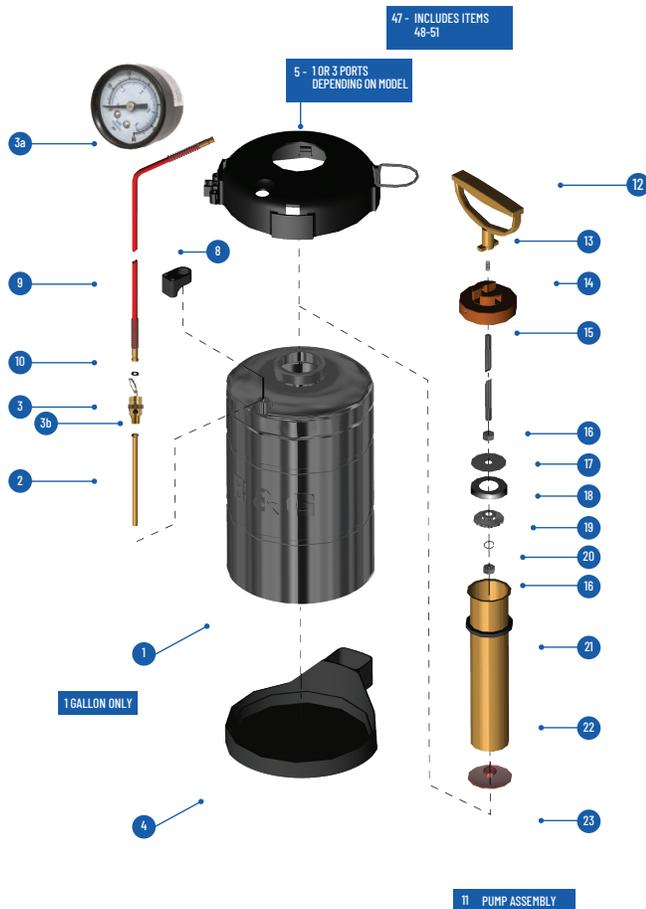
Tip	Flow Rate	
	oz/min	ml/min
50° Coarse Fan	14.1	417.0
80° Fine Fan	6.4	189.3
Large Pin Stream	8.9	263.2
Small Pin Stream	4.5	133.16
Crack & Crevice Straw (red)	6	177.4
Crack & Crevice Straw (white)	3.8	112.4

Measurement	0.5 gal / 2 l		1 gal / 4 l		1.3 gal / 5 l		2 gal / 8 l		3 gal / 12 l	
	US	Metric	US	Metric	US	Metric	US	Metric	US	Metric
Empty Weight	6.6 lb	3.0 kg	7.1 lb	3.2 kg	7.6 lb	3.4 kg	6.0 lb	2.7 kg	8.0 lb	3.6 kg
Full Weight	11.0 lb	5.0 kg	15.9 lb	7.2 kg	18.6 lb	8.4 kg	23.0 lb	10.4 kg	32.0 lb	14.5 kg
Max Volume	0.5 gal	2 l	1 gal	4 l	1.3 gal	5 l	2 gal	8 l	3 gal	12 l
Max Pressure	50 PSI	3.45 bar	50 PSI	3.45 bar	50 PSI	3.45 bar	50 PSI	3.45 bar	50 PSI	3.45 bar

### CARE, MAINTENANCE, AND REPLACEMENT PARTS

- Always empty and flush tank, valve, and extension with clean water after each use; never leave chemicals in machine for extended periods of time.
- Do not use bleach or ammonia-based cleaners, these will damage the stainless steel and brass parts.
- Do not store in freezing temperatures.
- After rinsing the tank with water, pressurize the tank and flush the valve and hose.
- Inspect hoses and hose connections, gaskets, washers and other fittings for wear; replace when necessary. Use the B&G gasket kit (#22050100/1208001212).
- Clean the filter at the hose/valve connection regularly.
- Do not use metal objects to clean the orifices in the nozzle, this will disrupt the liquid spray pattern.
- Use the B&G Cleaning Kit (#22049625/1108004820) for regular maintenance and cleaning of the sprayer.
- All parts are available for purchase from your distributor or B&G Equipment.

### SPRAYER PARTS (SEE ADDENDUM FOR VALVE PARTS)



Number	Legacy Part #	Description	Order Number (US)	Order Number (EU)
1	T-50	Tank (0.5 gal / 2 L), 1 port	22024800	1208001124
	T-100	Tank (1 gal / 4 L), 1 port	22025000	1208001125
	T-200	Tank (2 gal / 8 L), 1 port	22025100	1208001126
	T-300	Tank (3 gal / 12 L), 1 port	22025200	1208001128
	T-500	Tank (1.3 gal / 5 L), 1 port	22025250	1208001129
	T-50-2	Tank (0.5 gal / 2 L), 3 ports	95146016	1608004392
	T-100-2	Tank (1 gal / 4 L), 3 ports	95146102	1608004402
	T-200-2	Tank (2 gal / 8 L), 3 ports	95146022	1208004911
	T-300-2	Tank (3 gal / 12 L), 3 ports	95146024	1208004912
	T-500-2	Tank (1.3 gal / 5 L), 3 ports	95146110	1608004407
2	HS-297	Siphon tube (0.5 gal / 2 L)	22025600	1208001131
	OS-297	Siphon tube (1 gal / 4 L)	22025700	1208001132
	TS-297	Siphon tube (2 gal / 8 L)	22025800	1208001134
	THS-297-01	Siphon tube (3 gal / 12 L)	22025901	1208001138
	FS-297	Siphon tube (1.3 gal / 5 L)	22025950	1208001136
3	HA-298	Hose adapter	22025300	1608003624
3a	N/A	Pressure gauge (some models)	22071635	1608003889
3b	N/A	Relief valve (some models)	24040085	1603000176
4	TB-1	Tank bottom	22049477	1608003829
5	TT-1	Tank top (1 port)	22049476	1608003828
		Tank top (3 ports)	22049480	1208001203
8	5700-H	Tip holder	22049475	1608003827
9	D-50	Hose, red, 4 ft/120 cm	22030100	1208001160
		H-71	Hose, black, 4 ft/120 cm	22030200
10	D-51-P	Hose washer	22030400	1608003645
11	PH-265	Pump assembly (0.5 gal / 2 L)	22026900	1208001140
	PO-265	Pump assembly (1 gal / 4 L)	22027000	1208001141
	PF-265	Pump assembly (2 gal / 8 L & 1.3 gal / 5 L)	22027125	1208001144
	PT-265	Pump assembly (3 gal / 12 L)	22027100	1208001143
12	P-275	Pump handle	22029800	1608003641
13	P-276	Pump lock spring	22029900	1608003644
14	P-274	Cap pump	22029700	1608003640
15	PH-273	Plunger rod (0.5 gal / 2 L)	22029400	1208001156
	PO-273	Plunger rod (1 gal / 4 L)	22029500	1208001157

Number	Legacy Part #	Description	Order Number (US)	Order Number (EU)
	PF-273	Plunger rod (2 gal / 8 L & 1.3 gal / 5 L)	22029650	1208001159
	PT-273	Plunger rod (3 gal / 12 L)	22029600	1208001158
16	P-269-SS	Plunger nut	22028250	1608003635
17	P-272	Back plate	22029200	1608003639
18	NP-277	Cup, polypropylene	22029000	1208001155
	NP-271	Cup, leather	22028800	1608003637
19	NP-270	Cup plate	22028600	1208001154
20	P-269A	Lock washer	22028400	1608003636
21	P-268	Pump gasket	22028000	1608003634
22	PH-267	Pump tube (0.5 gal / 2 L)	22027400	1208001146
	PO-267	Pump tube (1 gal / 4 L)	22027500	1208001147
	PF-267	Pump tube (2 gal / 8 L & 1.3 gal / 5 L)	22027650	1208001149
	PT-267	Pump tube (3 gal / 12 L)	22027600	1208001148
23	PV-266	Check valve	22027200	1608003632

## TROUBLESHOOTING

Problem	Solution
Tank is not holding pressure.	<ul style="list-style-type: none"> <li>Tighten tank cap.</li> <li>Replace pump gasket.</li> </ul>
Tank is not getting air pressure.	<ul style="list-style-type: none"> <li>Replace cup spreader plate.</li> <li>Replace or add oil to leather plunger cap.</li> </ul>
Pump cylinder is filling with water when pumping.	<ul style="list-style-type: none"> <li>Clean around the check valve at the bottom of pump cylinder.</li> <li>Replace the check valve.</li> </ul>
Holds pressure but will not spray.	<ul style="list-style-type: none"> <li>Nozzle clogged, clean with a soft brush.</li> <li>Cracked siphon tube, replace.</li> <li>Siphon tube clogged, clean end.</li> <li>Clean strainer at the base of the valve, at the hose / valve junction</li> </ul>
Hose leaks at tank fitting.	<ul style="list-style-type: none"> <li>Replace hose washer.</li> </ul>
Valve body leaking	<ul style="list-style-type: none"> <li>Refer to valve's troubleshooting.</li> </ul>
Tip Leaking	<ul style="list-style-type: none"> <li>Refer to valve's troubleshooting.</li> </ul>

## DISPOSAL

Please follow all local regulations when disposing of equipment.

## WARRANTY

Pelsis products are designed and manufactured to the highest standards and deliver high-quality performance, ease of use and ease of installation. If you encounter any difficulties while using your product, we recommend that you first consult the user manual or the information in the support section of our website. In the unlikely event of a fault, please contact your retailer or distributor for further warranty information.

Any warranty claims must be supported by proof of purchase within the warranty period (product dependent), the following exclusions apply:

- Normal wear & tear
- Damage caused by abuse, misuse, alterations or by not completing the recommended maintenance.

This warranty does not affect your statutory rights.

## CONTACT

Contact your local distributor or Pelsis country-specific location for information on spares and service.

**US:** B&G Equipment, 135 Region South, Jackson, GA, 30233, USA

Contact Number: 1-800-544-8811

Email Address: CustomerService@BGEquip.com

**UK:** Pelsis Ltd, Sterling House, Grimbold Crag Close, Knaresborough, HG5 8PJ, UK.

Contact Number: +44 (0) 800 988 5359

**Europe:** Pelsis Belgium NV, Industrieweg 15, 2880, Bornem, Belgium.

Contact Number: +32 (0) 3 886 22 11

**All Other Countries:** B&G Equipment, 135 Region South, Jackson, GA, 30233, USA

Contact Number: 1-678-688-5601

Email Address: CustomerService@BGEquip.com