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ORIGINAL INSTRUCTIONS

For the use of sprayer type

GARDEN HOBBY, SPRINGER HOBBY AND DOLOMITE HOBBY

Dear customers, we thank you for the trust you have placed in us by purchasing our sprayers. Every sprayer manufactured by us is carefully designed, tested and subject to strict quality control.

However, the service life of the sprayer will largely depend on the use and maintenance of the sprayer.

Also, your safety and the safety of your environment depend on the way you use and handle the sprayer.

Therefore, please carefully study and get acquainted in detail with the contents of this manual, and make sure to FULLY COMPLY WITH THE RECOMMENDATIONS AND WARNINGS listed in the instructions.

This manual applies to the hand-operated pressure sprayers manufactured by POLINS DOO for the sprayer model:

GARDEN HOBBY 5 art: 4028

GARDEN HOBBY 8 art: 4022

GARDEN HOBBY 10 art: 4029

SPRINGER HOBBY 5 art: 4210

SPRINGER HOBBY 8 art: 4212

SPRINGER HOBBY 10 art: 4211

DOLOMITE HOBBY 5 art: 4238

DOLOMITE HOBBY 8 art: 4239

DOLOMITE HOBBY 10 art: 4240

Please keep this manual for future reference

Please pay special attention to the parts of the instruction marked with this sign:

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1. INTENDED USE

Sprayers type GARDEN HOBBY and SPRINGER HOBBY can ONLY be used for water-soluble agents intended for plant care: herbicides, insecticides, fungicides and plants nutrition products.

Be advised that the sprayer is not intended for use by children, persons with reduced psychophysical, sensory and intellectual abilities.

When handling the sprayer, be sure to follow the INSTRUCTIONS, PROTECTION MEASURES AND ENVIRONMENTAL PROTECTION MEASURES.

The sprayer user is solely responsible for the consequences of improper use of the sprayer.

2. CONTENTS OF THE PACKAGE

1. Sprayer container, with pump and carrying strap
2. Sprayer hose with mounted handle
3. Instruction manual
4. Sprayer extension

3. SPRAYER DESCRIPTION AND TECHNICAL INFORMATION

Sprayers type GARDEN and SPRINGER are hand-operated pressure sprayers which function in such a way that air pressure above the liquid inside the container suppresses the liquid into the hose, from where it exits through the handle and the extension under pressure and is aimed at the treated surface.

The technical data for the sprayer is listed in the table below:

Technical characteristics of the sprayer:	Sprayer models
useful container volume	
working pressure	
sprayer capacity	
nozzle diameter	
working temperature	5 to 35
nozzle material	brass

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4. ASSEMBLING THE SPRAYER

Sprayers are delivered in boxes and are partially disassembled, as described in Chapter 2 of this manual.

Before first use, you need to:

1. Unpack the box and remove the parts from the box.
2. Place the extension on the handle of the sprayer, located at the end of the hose and screw it tight.

5. USING THE SPRAYER

Liquid

Solid surface solid surface

1. Turn the pump out of the sprayer and remove it.
 2. Once you've placed the sprayer on a firm and stable surface, pour liquid with dissolved agent you're applying into the sprayer
 3. The liquid prepared for pouring into the sprayer must not contain solid residues of the applied agent or of another origin, so as not to clog the channels of the sprayer.
 4. Do not use adhesives that are sticky or that harden in the sprayer so as not to interfere with the function of the sprayer.
 5. Close the sprayer container by screwing the body of the sprayer into the container opening.
 6. Use the pump to achieve working pressure by pumping. After achieving working pressure, push the handrail of the pump all the way, to the inside and twist it, to lock the pump.
 7. You may carry the sprayer in your hand by the handrail or over your shoulder using the carrying strap.
 8. Control and aim the applied agent using the handle with the extension. The length of the extension can be adjusted by loosening the nut and extending – inserting the extension tube; the width of the jet can be adjusted by turning the nut at the top of the nozzle.
 9. When the jet weakens and ceases to be in the form of a mist made of small drops, place the sprayer on a solid surface and re-pump it.
 10. Once you have finished working with the sprayer, release the pressure out of the sprayer by pulling the safety valve piston until all air is released (the air hissing stops).
 11. Once you have finished working with the sprayer, place the sprayer upright on a solid surface, release the pressure and unscrew the pump. Lift the handle with the extension and open the valve on the handle. Wait a few seconds for the liquid to pour from the channels back into the container. You may now empty the sprayer.
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12. Fill the sprayer with 2-3 liters of clean water, close it, shake it, establish working pressure in it, and spray for 60 seconds to wash out the sprayer channels. Repeat the procedure described under 10 and 11. Wash the outside of the sprayer.

6. SAFETY INSTRUCTIONS

1. Do not use the sprayer for purposes other than plant care.
2. Do not pour liquid into the container over the last quantity mark
3. Use only water-soluble plant care products.
4. Do not use: acids, alkalis, oils, paints, adhesives, liquids, fuels, thinners and the like.
5. Do not use the sprayer if the temperature of the liquid or the environment is lower than 5 OC (close to freezing point) or higher than 35OC (warmer than hands).
6. When establishing working pressure (pumping), check whether you have reached the pressure that gives the jet appearance of fog by briefly opening the switch. When you achieve such a jet shape, stop pumping.
7. In the event of the safety valve opening, stop pumping and pull the body of the safety valve to release some pressure from the sprayer.
8. Do not establish pressure in the sprayer in any other way besides pumping using the built - in pump by hand (such as : pumps that are not the original part of the sprayer, compressors, water supply networks, pressure washers, pressure washers from another pressure vessel and the like).
9. Do not transport or store a pre-filled sprayer or sprayer under pressure.
10. Do not repair the sprayer with parts that are not on the original list spare parts or using parts from other manufacturers.
11. Do not make any modifications to the sprayer.
12. Do not store the sprayer in areas where the freezing of the liquid in the spray channels or in the spray tank can occur.
13. In the event that liquid remains in the sprayer and freezes, this sprayer should no longer be used.
14. Never open a sprayer under pressure, follow the instructions under point 10 in the chapter USING THE SPRAYER.

7. PROTECTIVE MEASURES WHEN WORKING WITH THE SPRAYER

Agents used for plant care are usually harmful to health; therefore, it is necessary to adhere to the following measures when using the sprayer:

1. Be sure to read and follow the manufacturer's recommendations listed on the packaging or in the instructions for the product that you are using.

2. To avoid the possibility of injury, handle the sprayer carefully; carry it only by holding on to the built-in handrail and the carrying strap taking care not to drop it.
3. Make sure to wear protective equipment (protective goggles, gloves, protective suit and protective footwear).
4. Do not apply agents if it is very cold, very hot or if a strong wind is blowing.
5. Do not consume food and drinks or smoke while using the sprayer.
6. Prior to any action of inspection, adjustment or maintenance of the sprayer, make sure you've taken all measures as listed in the chapter USING THE SPRAYER under points 10 and 11. If you haven't, carry them out, and then proceed with the planned action.
7. After any contact with the sprayer, wash your face, face and hands and be sure to change your clothes.

8. ENVIRONMENTAL PROTECTION MEASURES

1. Make sure to follow the manufacturer's instructions for product concentration, quantity and time of application, storage and procedure with the remaining product.
2. Prepare only the amount of product you intend to use, place the sprayer upright on a stable surface and fill carefully. Then close the container tightly.
3. Limit the application of product only to the areas for which it is intended and do not allow product to disperse to or near watercourses, public areas, places of residence.
4. When applying agents, move away others persons, animals and technical product from the place you are treating.
5. Dispose of the liquid leftover from use, maintenance, rinsing and washing of the sprayer in accordance with the manufacturer's instructions.
6. Dispose of the remaining packaging of the product in accordance with the manufacturer's instructions.
7. Do not store or transport the sprayer filled with prepared agent and which has not been handled in accordance with the instructions listed in the chapter USING THE SPRAYER.
8. Do not dispose of an expired sprayer and parts remaining after the replacement of worn out parts in the environment or in municipal waste, but rather hand them over to a professional waste manager.

9. MAINTENANCE

1. If you notice a malfunction while operating the sprayer, stop working with it and rectify the fault. Be sure to observe all protective measures listed in the SAFETY MEASURES WHEN WORKING WITH THE SPRAYER and ENVIRONMENTAL PROTECTION MEASURES sections.
2. After you finish operating the sprayer, always follows the instructions listed in the section USING THE SPRAYER.
3. Do not store the sprayer under pressure, with residual agent or in a place where the agent you are applying could freeze inside the sprayer.
4. After every 20 fillings of the sprayers, pour 10 drops of machine oil into the sprayer pump in the place marked in the picture.
5. After every 20 fillings of the sprayer, or in the event of a malfunction, disassemble the handle and clean the sprayer filter.
6. Once a year or in the event of a malfunction, disassemble the parts of the safety valve, wash them, lubricate the gasket on the piston on the valve using machine lubricant and then assemble the safety valve. After assembling the safety valve, check if the piston is mobile by pulling on it.
7. Once a year, check the mechanical completeness of the sprayer, if you determine that some parts are missing or damaged, stop using the sprayer.

10. LIST OF ORIGINAL SPARE PARTS

For sprayer repairs, original spare parts can be procured and delivered, as follows:

Sprayer pump art: 4008

Handle art: 4001

Adjustable nozzle art: 4002

Gasket set

GARDEN art: 4006

Pressure hose art: 4004

11. ADDITIONAL EQUIPMENT

You can get additional equipment for the sprayer which can enhance the usability of the sprayer. This equipment includes:

1. Aluminum extension, length: 0.45m, 0.70m, 1.5m and 2,0m.
2. Telescopic extension, length 3,0m.
3. Handle with air gauge
4. Spray guard

Mounting the additional equipment on the sprayer is exactly the same as assembling the sprayer described in the section ASSEMBLING THE SPRAYER.

12. MALFUNCTIONS AND HOW TO ELIMINATE THEM

MALFUNCTION DESCRIPTION	MALFUNCTION CAUSE	METHOD OF ELIMINATION
When establishing working pressure, air runs out - you can hear the sound of hissing air	Pump cylinder is not tight enough	Tighten the cylinder
	Loosened hose nut	Tighten the nuts
Pumping doesn't achieve working pressure	Worn out or out of place rubber gaskets of the pump	Check the gaskets. Adjust them as needed or replace them. Before assembly, lubricate the gaskets with machine oil.
Sprayer is under pressure, but liquid doesn't come out	Clogged sieve in the handle	Release the pressure from the sprayer – point 10 of the chapter USING THE SPRAYER, then remove the sieve from the sprayer handle and clean it.
	Clogged nozzle	Remove the nozzle and carefully clean it.

13. CONTROL LIST

Sprayer type:

Control:

Year of production:

14. CONTACT

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15. DECLARATION OF CONFORMITY

SRB – DECLARATION OF CONFORMITY

01-002-01

Company:

POLINS DOO

Ive Lole Ribara BB

25250 Odzaci

Serbia

With full responsibility declares that the following machines:

Sprayers GARDEN HOBBY, SPRINGER HOBBY and DOLOMITE HOBBY, plastic, hand-operated pressure sprayers for the application of water-soluble agents for plant care and protection

Types:

GARDEN HOBBY 5 art: 4028

GARDEN HOBBY 8 art: 4022

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DOLOMITE HOBBY 8 art: 4239

DOLOMITE HOBBY 10 art: 4240

Are in accordance with:

Article 8 and Addendum 8 of the Machine safety regulations ("Sl. Glasnik RS," 13/2020) which is aligned with 2006/42/EC

Considering the following standards:

1. SRPS EN 614-1:2010
2. SRPS EN 614-2:2010
3. SRPS EN ISO 12100-1:2012.

In Odzaci, 21/11/2019

For POLINS DOO

Responsible person

Director, Djuro Milosevic

EC – DECLARATION OF CONFORMITY

01-002-01

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DOLOMITE HOBBY 10 art: 4240

Are in accordance with:

1. 2006/42/EC
2. 2009/127/EC

Considering the following standards:

1. SRPS EN 614-1:2010
2. SRPS EN 614-2:2010
3. SRPS EN ISO 12100-1:2012.

In Odzaci, 21/11/2019

For POLINS DOO

Responsible person

Director, Djuro Milosevic