

Ⓞ **Operating Instructions Pressure  
Sprayer**

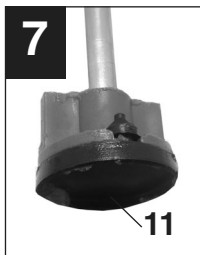
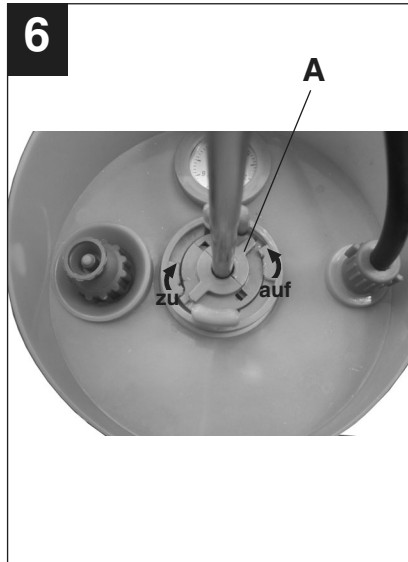
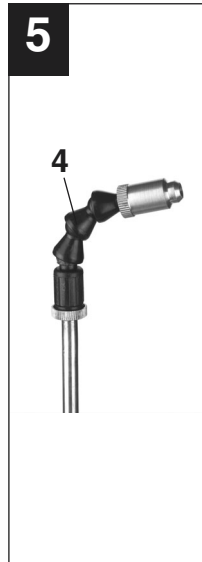
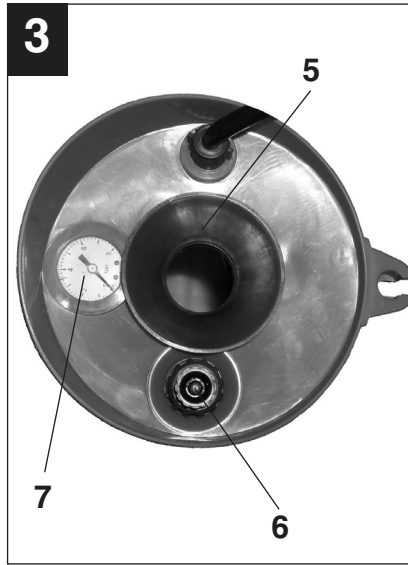
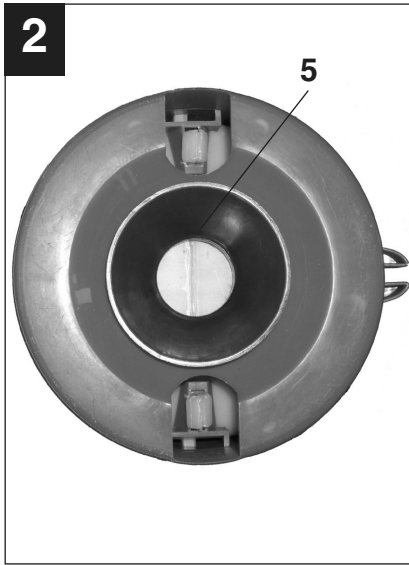


**GARDENLINE**

**Art.-No.: 34.251.73**

**I.-No.: 01014**

**GLDS 5**



## Safety regulations:

- Please read these directions for use carefully and observe the information provided. It is important to consult these instructions in order to acquaint yourself with the unit, its proper use and safety regulations.
- Suitable measures must be taken to keep the unit out of children's reach.
- The pressure sprayer is designed for spraying common home and garden solutions. This is primarily meant to include pesticides, weed killers and liquid fertilizers.
- The pressure sprayer is not designed to spray acidic and caustic liquids. Nor should it be used to spray impregnating agents.
- Only use a suitable nozzle wire or cleaning agent to clean clogged nozzles.
- Do not spray contents of sprayer on persons or animals.
- Always wear protective clothing when spraying pesticides and insecticides.
- Ensure that liquid sprays are not heated beyond the permitted operating temperature of 40 °C.
- When mixing and working with spray solutions, always follow the manufacturer's instructions.
- Each time the spraying unit has not been used for an extended period of time it should be checked for possible damage prior to reusing it.
- Immediately replace defective parts.
- Use only original replacement parts.
- Do not leave the unit (filled or empty) in direct sunlight.
- Before placing the unit in winter storage, thoroughly clean and dry it out so that it is not damaged by freezing temperatures.
- We will not be liable for any damage that results from improper repairs and/or improper handling of the unit (e.g. using the unit in ways for which it was not intended).
- Opening the unit or performing maintenance work on it is only permitted when the tank is depressurized.
- To relieve the pressure, pull up the funnel-shaped knob connected to the safety valve.
- Only use currently approved pesticides.
- Please observe COSHH Material Safety Data Sheets.
- Pesticides include - but are not limited to - herbicides, insecticides, fungicides and growth regulators as well as materials that are intended to be used in conjunction with these agents in order to modify their properties or effects.
- Each time after using the unit and prior to perfor-

ming any maintenance work on the unit, always relieve the pressure via the overpressure valve by raising the overpressure valve.

## Technical data

Max. filling capacity	5 l
Total filling capacity	7 l
Volumetric flow rate, Vmax =	1.07 litres/min.
Permissible operating pressure	3 bar
Permissible operating temperature	+ 40°C
Safety valve / vent valve	1
Nozzle	hollow cone 1 mm
Nozzle spraying angle	max. 60°
Repulsion angle at the nozzle	less than 5N

## Assembly

- Screw the spray tube (Fig. 1/Item 1) to the pistol grip (Fig. 1/Item 2).
- Do not unscrew the overpressure valve ( Fig. 3/Item 6)!
- Check to ensure that the screw connections for the hose at the spray gun handle and on the tank are tight!

## Starting up and venting

- Unscrew the feed funnel from the bottom of the pressure sprayer (Fig. 2/Item 5).
- Before you screw out the pump, raise the overpressure valve (Figure 3/Item 6) and let off any overpressure that may be in the unit.
- Press down the pump handle as far it will go and slowly unscrew the pump (counter-clockwise).
- Screw the feed funnel onto the tank (Fig. 3/Item 5).
- Fill the container up to no further than the 5 liter mark with the preparation you want to spray. Follow the instructions issued by the producer of the preparation you are using.
- Remove the feed funnel from the tank.
- Insert the pump, press down the pump handle as far it will go and screw in the pump (clockwise) until it is tight again. The pump handle latches simultaneously into the bayonet lock.

**Important:** The bayonet lock must be properly latched whenever you transport the pressure sprayer. Also, the spray lance should be in the holder provided for the purpose (Fig. 4).

- Screw in the pump again (clockwise) until it is tight.
  - Screw the feed funnel back onto the bottom of the pressure sprayer.
  - Turn the pump grip slightly counter-clockwise in order to release it from the bayonet lock.
  - Pressure is built up in the tank with pumping movements (up and down) of the pump handle. The tank pressure at any given moment can be read off the pressure gauge (Fig. 3/Item 7). The maximum tank pressure (operating pressure) must not exceed 3 bar. The overpressure valve (Fig. 3/Item 6) triggers at a positive pressure of 3 bar and relieves any pressure exceeding this amount.
  - To spray, press the trigger lever (Fig. 1/Item 3) on the spray gun handle.
  - The spray jet will stop immediately you let go of the trigger lever.
  - You can direct the spray precisely at even hard-to-reach areas by bending the swan-neck (Fig. 1/Item 4) at the joints (Fig. 5).
  - Clean the sprayer each time after you have used it and leave it open to dry.
  - You can prolong the working life of the sprayer by occasionally applying resin- and acid-free grease (Vaseline) to the seal rings and collars.
  - **Please note:** Severe stress during transportation, use and storage, negative environmental factors (at the point of use and storage), and poor maintenance and care may cause the sprayer to suffer premature wear. Each time before you use the sprayer it is important, therefore, to check that it is in safe and good operating condition and that there are at least no visible signs of external damage.
- We recommend that you arrange for a specialist or Service Center to check whether the sprayer is still safe for operation as soon as you discover any defects with a potentially negative effect on safety and at least every 5 years.

- To change the pump membrane, pull up the pump lever as far as it will go, turn it counter-clockwise until you come against notable resistance, and then turn it a little further counter-clockwise until the cover plate and the bayonet separate (Fig. 6/Item A).
- Press the membrane plate (Fig. 7/Item 11) out of its holder, insert a new membrane and lubricate it with acid-free grease.
- After using the unit and prior to performing any maintenance work, always relieve the pressure by simply pulling up on the funnel-shaped knob connected to the safety/overpressure valve (Fig. 6/Item A).

## Maintenance

Prior to performing any maintenance work on the unit, always relieve the pressure via the overpressure valve (Fig. 3/Item 6) by raising the overpressure valve. Be sure to observe the safety instructions.



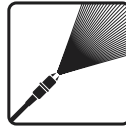
**Pull the pump lever all the way up until it stops, then turn it counterclockwise to unscrew it from the tank.**



**Always use the feed funnel when filling the tank with a spray solution!**



**Keep a firm grip on the spray wand and do not direct the stream toward persons!**



**Flat spray pattern with angle of 60°**



**Do not place the pressurized tank in direct sunlight for extended periods of time!**



**Do not subject the tank to negative temperatures when it is filled with a spray solution!**



**Never fill the pressure tank with a poisonous spray solution or use the tank to spray it!**



**Always depressurize the tank prior to cleaning or maintaining it!  
Pull up on the relief valve to release the pressure!**

**List of replacement parts for the GLDS 5      Art.-No.: 34.251.73      I-No.: 01014**  
(see Figure 1-7)

<b>Item</b>	<b>Description</b>	<b>Replacement-No.</b>
01	Spray tube	34.251.72.01.001
02+03	Spray gun handle complete with trigger lever	34.251.72.01.002
04	Swan-neck complete with nozzle	34.251.72.01.004
05	Funnel	34.251.72.01.005
06	Overpressure valve complete	34.251.72.01.006
07	Pressure gauge	34.251.72.01.007
08	Pressure tube with couplings	34.251.72.01.008
09	Pump complete	34.251.72.01.009
10	Carrying strap complete	34.251.72.01.010
11	Pump diaphragm	34.251.72.01.011



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Helpline-No.:

GB 0044 (0) 151 649 1500

IRL 1890 946244

## **GB WARRANTY CERTIFICATE**

The product described in these instructions comes with a 2 year warranty covering defects. This 2-year warranty period begins with the passing of risk or when the customer receives the product. Please retain receipt as proof of purchase.

For warranty claims to be accepted, the product has to receive the correct maintenance and be put to the proper use as described in the operating instructions.

**Your statutory rights of warranty are naturally unaffected during these 2 years.**

This warranty applies in Germany, or in the respective country of the manufacturer's main regional sales partner, as a supplement to local regulations. Please note the details for contacting the customer service center responsible for your region or the service address listed below.

**GB**

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