WARNING

This sprayer is not designed to be used with acids of any kind, corrosive products like caustic soda, gasoline, materials capable of generating heat, hot fluids, explosive or highly volatile products.

USE OF THESE AND OTHERS EXPOSE USERS TO SERIOUS INJURY AND EVEN DEATH.

WARNING

Before using our products, please read this manual carefully to understand the proper use of your unit.
SAFETY FIRST

Instructions contained in warnings within this manual and warning seals marked with a ⚠ symbol on the sprayer concern critical points which must be taken into consideration to prevent possible serious bodily injury, and for this reason you are requested to read all such instructions carefully and follow them without fail.

Note that there may be times when warning seals peel off or become soiled and impossible to read. If this happens, you should contact the dealer from which you purchased the product to order new seals and affix the new seal(s) in the required location(s).

NOTES ON TYPES OF WARNINGS

⚠ WARNING

Instructions labeled as shown at left, concern critical steps or procedures which must be followed in order to prevent accidents which could lead to serious bodily injury or death. This mark is used to indicate instructions which must be followed without exception.

⚠ IMPORTANT

Instructions labeled as shown at left concern steps or procedures which, if not followed correctly, could lead to mechanical failure, breakdown, or damage.

📖 NOTE

Used to label supplementary instructions designed to provide hints or directions useful in the use of the product.

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1. Parts location

1. Tank  
2. Pump  
3. Lid (cap)  
4. Shoulder Strap  
5. Hose  
6. Wand  
7. Nozzle, Spray Tip Set

2. Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Back Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Name</td>
<td>BP5</td>
</tr>
<tr>
<td>Dimensions (LxWxH)</td>
<td>566x375x220 (22.3x14.8x8.7) mm (in)</td>
</tr>
<tr>
<td>Dry Weight</td>
<td>6.05 (12.1) kg (lbs)</td>
</tr>
<tr>
<td>Tank Capacity</td>
<td>17.4 (4.6) litter (Gal)</td>
</tr>
<tr>
<td>Max. Pressure</td>
<td>11.76 (168) kgf/cm² (psi)</td>
</tr>
<tr>
<td>Working Pressure</td>
<td>1.05 – 5.6 (15 – 80) kgf/cm² (psi)</td>
</tr>
<tr>
<td>Sealed/O rings</td>
<td>VITON/Nytril</td>
</tr>
<tr>
<td>Pump Type</td>
<td>Internal Double-lipped Piston</td>
</tr>
<tr>
<td>Reparability</td>
<td>YES</td>
</tr>
<tr>
<td>Tank Mouth</td>
<td>6”</td>
</tr>
<tr>
<td>Wand Type</td>
<td>20” Brass</td>
</tr>
<tr>
<td>Standard Nozzle</td>
<td>Adjustable Brass Nozzle</td>
</tr>
</tbody>
</table>

3. Warning labels on the machine

**IMPORTANT**

If warning label peel off or become soiled and impossible to read, you should contact the dealer from which you purchased the product to order new labels and affix them in the required location(s).

**WARNING**

Never modify your machine.
We will not warrant the machine, if you use the remodeled machine or you don't observe the proper usage written in the manual.
### 4. For safe operation

#### WORKING CONDITION

1. Refrain from operating the sprayer if you are tired, ill, or upset, or if you are under the influence of alcohol, drugs or medication.
2. To reduce the risk of injury when filling, using and/or cleaning the sprayer, always wear eye protection. Eye protection should meet the requirements of ANSI Z87.1.
3. Always wear a mask or respirator when filling, using and cleaning sprayer, if recommended by the spray material manufacturer.
4. Wear protective gear and clothing when filling, using and cleaning the sprayer.
5. Wear sturdy rubber-soled shoes or shoes with some other form of anti-slip protection to help protect you against falling when filling, using and/or cleaning the sprayer.
6. Do not wear loose clothing, scarves, neck chains, hair longer than shoulder length, and the like when filling, using and/or cleaning the sprayer.

#### IMPORTANT

Check and follow the local regulations.

#### WORKING PLAN

When planning your work schedule, allow plenty of time to rest. Limit the amount of time over which the product is to be used continuously to somewhere around 30 ~ 40 minutes per session, and take 10 ~ 20 minutes of rest between work sessions. Also try to keep the total amount of work performed in a single day under 2 hours or less.

#### USING THE PRODUCT

##### NOTE

Hose clamps are not completely tight. Please tighten hose clamps prior to using. Hose clamps are left loose to extend life of gaskets and fittings.

##### WARNING

Oil cap gasket before using and lubricate weekly so the gasket will seal properly and prevent chemical leaks.

Oil check valve and keep breather hole clear of debris. Your failure to oil may cause the tank to collapse and crack due to vacuum created by pump lubricate with “3 and 1” oil.
4. For safe operation

- Keep spray materials locked up and out of reach of children and animals.
- Use only original manufacturer’s replacement parts.
- As a rule, mix your chemicals in a separate container from which to fill the sprayer. Do not mix formulas inside the sprayer. Where an exception is made (e.g. with liquid fertilizers), fill sprayer with water before adding the active ingredient.
- Always sift formula through the screen. If there is no built-in strainer, use a screened funnel.
- Never fill the sprayer with hot liquids. Max. 30°C, or 85°F.
- Never use gasoline or other flammable materials.
- Before cleaning or servicing the sprayer, allow all pressure to escape. Do not store or transport sprayer under pressure.
- After each use, wash the sprayer—including hose, lance and shut-off valve—with plenty of fresh water. Unless spraying is to be continued within hours, drain chemical formula and thoroughly rinse the tank and all liquid ducts.
- Never store chemicals in your sprayer for any length of time.
- Do not leave the sprayer in reach of children or persons not qualified to handle it in proper fashion.
- When not in use—and especially during prolonged storage—keep your sprayer in a protected place away from direct solar heat.
- Make sure the spray hose loops freely without kinking or squeezing.

4. After using sprayers and other equipment, CLEAN UP! Dispose of debris in trash receptacles.

**MAINTENANCE**

1. In order to maintain your product in proper working order, perform the main tenance and checking operations described in the manual at regular intervals.
2. Examine the sprayer at intervals for loose fasteners and rusted or damaged parts. Use special care for chemical leakage.
3. Clean and rinse tank and spraying assembly after each use to prevent crystallizing, which would later cause clogging and chemical damage to the unit.
4. All service except for those described in this manual should be performed by competent service personnel.

5. When replacing any other part, or any lubricant, always be sure to use only Husqvarna products or products which have been certified by Husqvarna for use with the Husqvarna product.
6. In the event that any part must be replaced or any maintenance or repair work not described in this manual must be performed, please contact a Husqvarna authorized servicing dealer for assistance.
7. Do not use any accessory or attachment other than those bearing the Husqvarna mark and recommended for the unit.
8. Under no circumstances should you ever take apart the product or alter it in any way. Doing so might result in the product becoming damaged during operation or the product becoming unable to operate properly.

**TRANSPORTATION**

- Clean and rinse tank and spraying assembly after each use to prevent crystallizing, which would later cause clogging and chemical damage to the unit.
- Drain the content from the tank before transporting or storing the sprayer.
- Secure the unit carefully to prevent movement when it is transported.
- A unit that receives a strong shock during transport and unloading may malfunction.

**STORAGE**

- Clean and rinse tank and spraying assembly after each use to prevent crystallizing, which would later cause clogging and chemical damage to the unit.
- Do not store sprayer under pressure, or with spray solution in tank.
- When storing the sprayer, choose a space indoors free from moisture and out of the reach of children.

**DISPOSAL**

- When disposing of your machine, or chemical, be sure to follow your local regulations.
Hose clamps are not completely tight. Please tighten hose clamps prior to using. Hose clamps are left loose to extend life of gaskets and fittings.

**WARNING**

Oil cap gasket before using and lubricate weekly so the gasket will seal properly and prevent chemical leaks.

Oil check valve and keep breather hole clear of debris. Your failure to oil may cause the tank to collapse and crack due to vacuum created by pump lubricate with “3 and 1” oil.

**HOW TO ASSEMBLE**

Included in the box, please find the following:

1) PUMP HANDLE & PUMP LEVER.
2) SPRAYER (Pump Module installed).
3) HIP SUPPORT. (Packed in tank)
4) SPARE PARTS (bag with locking pins & washer).
5) AGITATOR (Packed in tank)

**PUMP HANDLE**

The pump handle is made of a tubular steel with a plastic grip on one end, and a round tube welded to the opposite side at right angle. The flat bar has a hole 12.5mm (1/2”) in diameter. This hole is located 57mm (2 1/4”) from the round tube. (See figure 1).

**PUMP LEVER**

The pump lever is made of a 15.2cm (1/2”) solid round steel bar with two bends, one on either side of the bar. (See figure 1).

**PUMP MODULE**

Pump module is installed in the sprayer. Now proceed to install pump handle and lever.

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**ASSEMBLY OF PUMP HANDLE PUMP LEVER & PUMP MODULE**

Pull sprayer, pump lever, pump handle, spray wand, plastic bag (with washers and pins), etc. out of box. Place parts in front of you. Take the pump lever, there are bends on either side. (See figure 2). Place one Washer through the bar, then push lever through opening on pump, place washer on pump lever and then place hairpin lock and push through.

On the same side where the pump is located, place the round portion of the pump handle through the hole on the base of the sprayer. When it is almost through, place the bent portion of the pump lever through the hole on the flat portion of the handle. Once through, place on one washer and, then the locking pin. (See figure 3). The round tube comes through the base of the unit and extends out 6.4mm (1/4”), exposing the hole drilled through the tube. Place on the other washer and the other holding pin. The pump handle assembly is now complete.

**HIP SUPPORT**

Take the black plastic hip portion and side the two end sections into the two receiving notches on the base, the rounded side up.

**STRAPS**

Hook the plastic clip attached to the shoulder straps into the appropriate lateral opening on the hip support.

**SPRAY WAND AND NOZZLE**

Attach spray wand to spray gun and firmly tighten. To adjust nozzle, tighten (turn clockwise), cap for a fine atomized spray, or loosen (turn counter clockwise), for a coarser spray or solid stream.

**THE SPRAYER IS NOW READY TO USE.**
6. Pre-operation

**NOTE**

Hose clamps are not completely tight. Please tighten hose clamps prior to using. Hose clamps are left loose to extend life of gaskets and fittings.

**WARNING**

Oil cap gasket before using and lubricate weekly so the gasket will seal properly and prevent chemical leaks.

Oil check valve and keep breather hole clear of debris. Your failure to oil may cause the tank to collapse and crack due to vacuum created by pump lubricate with “3 and 1” oil.

**IMPORTANT**

Before using, oil cap gasket, felt pump washer, and check valve, and keep breather hole clear of debris. Your failure to oil, clean check valve, and keep breather hole open to allow air into the tank, can cause the tank to collapse and crack, due to vacuum created by pump.

1. Before you remove cap, be sure there is no pressure in the tank. in order to release pressure, invert unit upside down and squeeze spray pistol (aim away from you). Pressure will escape; when hissing stops, all pressure has been released. Remove pump assembly by turning counter-clockwise. The pump handle has two locking positions, one turning clockwise and one counter-clockwise.
2. Remove cap.
3. A unit that has been used with herbicides should never be used to spray insecticides, unless the sprayer has been properly cleaned and all other chemicals neutralized. Failure to do this could cause you to kill plants that have been sprayed. Consult with the manufacturer of the chemicals in use to obtain proper instructions.
4. Always oil the gasket on the cap of the unit, as well as the check valve. This will extend the life of the seal and is important for obtaining a proper seal with no leaks.
5. Mix solution in a separate container, following the manufacturers’ directions.
6. Pour pre-mixed solution through strainer into tank. Reinstall cap tightly.
7. Place sprayer on back and pressurize tank by pumping approximately 5 to 11 times.
8. You will need to pump occasionally to maintain the desired spraying pressure.
9. For best results, the sprayer should be pumped every five seconds on a continuous basis. This will maintain your spraying pressure. If you do not pump, you will not have pressure to spray.

7. Operation

- Always release pressure in the pump prior to filling, cleaning, or servicing the sprayer.
- Before opening a container of pesticide or other spray material, carefully read, understand, and follow all instructions on the label.
- Do not use flammable materials in the sprayer: they can ignite and/or explode, causing serious injury.
- Never use caustic or corrosive materials in the sprayer, which could result in damage to the unit.

**HOW TO ADJUST THE NOZZLE**

- To adjust nozzle, tighten cap (turn clockwise) for fine atomized spray, or loosen (turn counter-clockwise) for coarser spray or solid stream.

**HOW TO PREPARE YOUR UNIT FOR USE**

- Normal working pressure should be from 25 psi to 40 psi. Too much pressure will waist chemical and over apply, as well as causing potential damage to pump tube.
- Pump occasionally to maintain the desired spraying pressure.

**RECOMMENDED APPLICATIONS FOR “LAWN AND GARDEN” OR “AGRICULTURE” USAGE**

Herbicide : Yes
Insecticides/Pesticides : Yes
Fertilizers : Yes
Chlorine based : Yes
Diesel : Yes
Wettable Powder : Yes
Stains & Sealers : Yes
Oil Based : Yes
Solvent-Based : Yes
Viscous : No
8. Maintenance

**WARNING**

Before you remove cap, be sure there is no pressure in the tank. In order to release pressure, invert unit upside down and squeeze spray pistol (aim away from you). Pressure will escape; when hissing stops, all pressure has been released. Remove pump assembly by turning counter-clockwise. The pump handle has two locking positions, one turning clockwise and one counter-clockwise.

1. Remove cap and pour out remaining solution, then rinse all parts thoroughly with clean water.
2. Add 1/2 gallon of fresh water in tank. Pressurize, and flush pumping system by depressing trigger for at least two minutes; then drain all remaining water.

- Periodically re-grease lid gasket as well as lid vent and pump cylinder, where applicable.
- To ensure good performance, keep lid vent free of obstruction.
- Before and after each use, make sure all connections are well tightened. Service and replace worn parts as required.

**NOTE**

Failure to follow manufacturer’s recommendation of use and care of unit will void any expressed or implied warranty. Do not use chlorine or clorox. It will permanently damage pump system.

**NOTE**

In the event that any part must be replaced or any maintenance or repair work not described in this manual must be performed, please contact a Husqvarna authorized servicing dealer for assistance.

### SPRAYER MAINTENANCE TABLE

<table>
<thead>
<tr>
<th>System/Component</th>
<th>Procedure</th>
<th>Daily or Before Use</th>
<th>After Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lid Gasket</td>
<td>Grease</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Lid Vent</td>
<td>Inspect/Clean</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Pump</td>
<td>Grease</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Connection</td>
<td>Inspect/Tight</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Whole unit</td>
<td>Wash/inspect</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

9. Storage

**WARNING**

Never store chemicals in your sprayer for any length of time.

1. Before you remove cap, be sure there is no pressure in the tank. In order to release pressure, invert unit upside down and squeeze spray pistol (aim away from you). Pressure will escape; when hissing stops, all pressure has been released. Remove pump assembly by turning counter-clockwise. The pump handle has two locking positions, one turning clockwise and one counter-clockwise.
2. Remove cap and pour out remaining solution, then rinse all parts thoroughly with clean water.
3. Add 1/2 gallon of fresh water in tank. Pressurize, and flush pumping system by depressing trigger for at least two minutes; then drain all remaining water.
4. Always store tank clean and empty in a dry, shaded location.

10. Disposal

When disposing of your machine, or chemical, be sure to follow your local regulations.
LIMITED WARRANTY

FOR TWO (2) YEARS OF HOME USE, ONE (1) YEAR FOR COMMERCIAL USE AND NINETY (90) DAYS FOR RENTAL USE FROM THE DATE OF ORIGINAL PURCHASE, THE COMPANY, THROUGH ANY Husqvarna DEALER, WILL REPAIR OR REPLACE, FREE OF CHARGE, FOR THE ORIGINAL PURCHASER, ANY PART OF PARTS FOUND TO BE DEFECTIVE IN MATERIAL AND/OR WORKMANSHIP. THIS IS THE EXCLUSIVE REMEDY.

THE PURCHASER SHALL BEAR COSTS OF TRANSPORTING THE UNIT TO AND FROM THE Husqvarna DEALER.

THE PURCHASER SHALL NOT BE CHARGED FOR DIAGNOSTIC LABOR WHICH LEADS TO THE DETERMINATION THAT A WARRANTED PART IS DEFECTIVE, IF THE DIAGNOSTIC WORK IS PERFORMED AT THE Husqvarna DEALER.

THE PURCHASER OR OWNER IS RESPONSIBLE FOR THE PERFORMANCE OF THE REQUIRED MAINTENANCE AS DEFINED BY THE MANUFACTURER IN THE OWNER/OPERATOR MANUAL.

ANY WARRANTED PART WHICH IS NOT SCHEDULED FOR REPLACEMENT AS REQUIRED MAINTENANCE, OR WHICH IS SCHEDULED ONLY FOR REGULAR INSPECTION TO THE EFFECT OF “REPAIR OR REPLACE AS NECESSARY” SHALL BE WARRANTED FOR THE WARRANTY PERIOD. ANY WARRANTED PART WHICH IS SCHEDULED FOR REPLACEMENT AS REQUIRED MAINTENANCE SHALL BE WARRANTED FOR THE PERIOD OF TIME UP TO THE FIRST SCHEDULED REPLACEMENT POINT FOR THE PART.

ANY REPLACEMENT PART THAT IS EQUIVALENT IN PERFORMANCE AND DURABILITY MAY BE USED IN NON-WARRANTY MAINTENANCE OR REPAIRS, AND SHALL NOT REDUCE THE WARRANTY OBLIGATION OF THE COMPANY.

THE COMPANY IS LIABLE FOR DAMAGES TO OTHER COMPONENTS CAUSED BY THE FAILURE OF A WARRANTED PART STILL UNDER WARRANTY.

THE WARRANTY DOES NOT APPLY TO THOSE UNITS WHICH HAVE BEEN DAMAGED BY NEGLIGENCE OF INSTRUCTION LISTED IN THE OWNER/OPERATOR MANUAL FOR PROPER USE AND MAINTENANCE OF THE UNITS, ACCIDENTAL MIS HANDLING, ALTERATION, ABUSE, IMPROPER LUBRICATION, USE OF ANY PARTS OR ACCESSORIES OTHER THAN THOSE SPECIFIED BY THE COMPANY, OR OTHER CAUSES BEYOND THE COMPANY’S CONTROL.

THIS WARRANTY DOES NOT COVER THOSE PARTS REPLACED BY NORMAL WEAR OR HARMLESS CHANGES IN THEIR APPEARANCE.

THERE ARE NO OTHER EXPRESS WARRANTIES.

IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO TWO (2) YEARS OF HOME USE, ONE (1) YEAR FOR COMMERCIAL USE AND NINETY (90) DAYS FOR RENTAL USE FROM THE ORIGINAL DELIVERY DATE.

LIABILITIES FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE UNDER ANY AND ALL WARRANTIES ARE EXCLUDED.

SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

IF YOU NEED TO OBTAIN INFORMATION ABOUT THE NEAREST SERVICE CENTER, PLEASE CALL Husqvarna AT 1.800.487.5951.

DOCUMENTATION REQUIRED. YOU MUST MAINTAIN AND PRESENT PROOF OF PURCHASE (INCLUDING DATE, PRODUCT MODEL AND, IF APPLICABLE, ENGINE SERIAL NUMBER) TO AN AUTHORIZED HUSQVARNA SERVICING DEALER FOR WARRANTY SERVICE UNDER THIS LIMITED WARRANTY. PROOF OF PURCHASE RESTS SOLELY WITH THE OWNER-CUSTOMER. HUSQVARNA ENCOURAGES YOU TO REGISTER YOUR PRODUCT ONLINE AT www.usa.husqvarna.com TO HELP ENSURE, AMONG OTHER THINGS, THAT YOU CAN BE NOTIFIED OF IMPORTANT PRODUCT INFORMATION. HOWEVER, REGISTERING YOUR PRODUCT IS NOT A CONDITION OF WARRANTY SERVICE.