

limited to, loss of use, loss of profits, loss of production, expense of substitute equipment or other commercial loss or damage.

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This warranty is null & void, if you fail to register the warranty with KisanKraft by sending the KisanKraft Copy with dealer's stamp.

🌐: www.kisankraft.com

✉: info@kisankraft.com

☎: +91.80. 22178200

Product	Portable Pressure Wash Sprayer	KisanKraft Invoice Date	
Brand	KisanKraft	KisanKraft Invoice No.	
Model	☐ KK-PWIH-060		
WARRANTY PERIOD	6 MONTHS	FOR THE SPECIFIED PERIOD FROM THE DATE OF SALE OR DELIVERY WHICHEVER IS EARLIER.	
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KisanKraft®

Warranty Certificate

(KISANKRAFT COPY)

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Wide Range of Products for Every Need



For more information give **MISSED CALL: 07676065555**



Many of our products have BIS: ISI certification.



User Manual



We recommend the use of a VOLTAGE STABILIZER for safety and longer life of the product

KisanKraft Limited

Sri Huchhanna Tower, #4, 1st Main, 7-A Cross, Maruthi Layout, Dasarahalli,
HAF Post, Hebbal, Bangalore 560024, Karnataka, INDIA

- ♦ Bangalore (HO) ♦ Ahmedabad ♦ Bhopal ♦ Bhubaneswar ♦ Coimbatore ♦
- ♦ Guwahati ♦ Shimla ♦ Hubli ♦ Hyderabad ♦ Jaipur ♦ Nellore ♦
- ♦ Karnal ♦ Kolkata ♦ Lucknow ♦ Pune ♦ Raipur ♦

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KisanKraft has a large range of products to serve the farmers. A list of our products is given below:

<p>Brush Cutters and Accessories</p> <ul style="list-style-type: none"> Brush Cutter/Power Weeder Backpack Brush Cutter Tea Pruner Pole pruner with Engine Reaper Attachment Blades-Circular Blades (2 & 3 points) Baffle Nylon Rope Tap & Go <p>Chainsaws</p> <ul style="list-style-type: none"> Petrol Chainsaw Electric Chainsaw Chain Sharpening Machine <p>Engines and Water Pumps</p> <ul style="list-style-type: none"> Engine –Diesel-(Horizontal) Engine –Diesel(Vertical) Engine-Kerosene Water Pump with Petrol Engine Water Pump with Kerosene Engine Water Pump with Diesel Engine <p>Hand Tools</p> <ul style="list-style-type: none"> Secateurs Folding Saw Garden Rake Garden Shovel Hedge Shear Lopper Telescopic Hedge Shear Telescopic Lopping Shear Tree Pruner Telescopic Steel Pipe & Fruit Picker Bag Sheep Shear <p>Garden Tools</p> <ul style="list-style-type: none"> Electric Pressure Washer Hedge Trimmer Lawn Mower (Electric, Petrol & Manual) Leaf Blower 	<p>Cultivators and Accessories</p> <ul style="list-style-type: none"> Petrol and Diesel <p>Sprayers and Accessories</p> <ul style="list-style-type: none"> Battery Sprayer Portable Power Sprayer Trolley Sprayer Manual Knapsack Sprayer Manual Pressure Sprayer Rose Cans Hose Crimping Machine HTP Sprayer HTP Delivery Hose HTP Hose Reel HTP Stand HTP Gun / Lance(Brass Rod Knapsack Power Sprayer Mister / Duster / Granuel Spreader HTP Sprayer Set with Diesel Engine HTP Sprayer Set with Kerosene Engine Fogging Machine <p>Milking Machine</p> <ul style="list-style-type: none"> Wood Shredder Fodder Ensiling Chaff Cutter Fodder Grinder Chaff Cutter Fodder Mini Chaff Cutter <p>Harvester</p> <ul style="list-style-type: none"> Maize Sheller Maize Sheller + Dehusker Maize Combine Harvester Onion Digger Carlotti Italy Tea Leaf Harvester Sugarcane Combine Harvester Sugarcane Leaf Stripper <p>Transplanter and Post Hole Digger</p> <ul style="list-style-type: none"> Paddy Transplanter (2 & 8 Rows) Transplanter-Vegetable & Tobacco Post Hole Digger(4" to 14" Augers)
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INSPECTION & MAINTENANCE

1. **To enhance the life of the machine, make sure that,**
 - Clean & check the machine, before working.
 - Inspect the filter and the nozzle.
 - There is no impurity in water.
 - After working there is no water in the pump and the hose.

2. **If the machine need to be repaired in the Warranty period,**
 - Please return the machine to the dealer shop.
 - You need to provide the certificate of purchase and invoice in order to repair the machine.
 - Before packing and storing, the machine should be cleaned, then pack the machine properly. Packaging should be firm. Store the machine in dry conditions.
 - For transportation safety. The machine should comply with ISTA.

3. **Do not dispose of electrical machines as unsorted municipal waste,**
 - Use separate collection facilities.
 - Contact your local government for information regarding the collection systems available.
 - If electrical machines are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
 - When replacing old machines with new ones, the retailer will be happy to take back your old machine for disposal.

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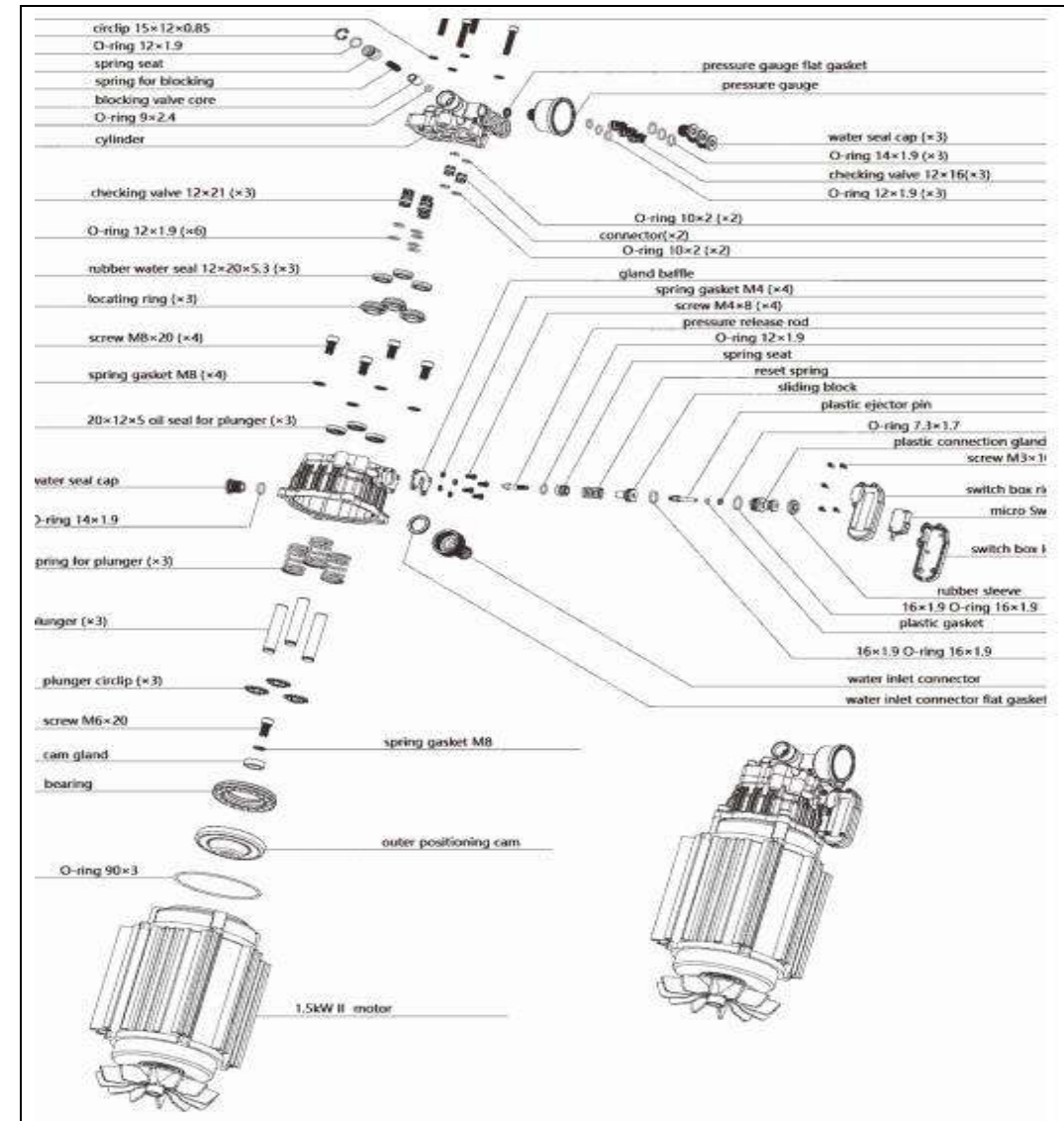
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PART DIAGRAM



VIII. TECHNICAL SPECIFICATIONS

ITEM	KK-PWIIH-060
Max. pressure water supply	100 (bar/psi)
Theoretical Flow	10 L/min
Motive Power	1.3 kW
Max. flow rate	7.2 L/min
Power Supply	220 V
Rotating Speed	2800 RPM

Portable Pressure Wash Sprayer - KK-PWIIH-060


I. SCOPE OF APPLICATION:

1. The machine is mainly used for dairy, vehicles, industrial equipment, agricultural machines. For example, it can clean dairy floors, tractors, or cars. It is the best washer for washing cars and motorcycles both in home and car maintenance store.
2. It can be used for washing building, floor, bathhouse, swimming pool. It can be used for cleaning window, washroom, oil station, or any other places where it is dirty.
3. It can be used for cleaning food processing plant and their equipment, cleaning kitchen in the hotel or at home and be used for hygiene and disease control at home or public area. It can also be used for watering the garden.
4. It can be used for other places which is not listed above.

II. II STRUCTURE CHARCERISTICS

1. The machine has single-phase motor direct drive, compact structure, and small volume, reliable operation.
2. The design of the machine structure is compact, easy to transfer, reduce the labor intensity of the user.
3. The machine matching inlet pipe, outlet pipe and nozzle, easy to operate, disassembling quickly.
4. It has self-priming Motor.

III. MATTERS NEEDING ATTENTION

	1. Wear insulating gloves and insulating shoes when you are operating the machine.
	2. Make sure the machine is installed leakage protection device before you operate the machine.
WARNING!	3. Make sure safety grounding device must be done.
WARNING!	4. Should not operate high pressure machine if it is not Installed a suitable filter.
WARNING!	5. Do not spray the water at the person, animal or electrical equipment. Otherwise damage, or accident or death may result.
WARNING!	6. Do not put the wire on cross way or near heat source or any sharp object, otherwise fire or electrical shock may occur.
DANGEROUS	7. Do not use the machine in the rain and do not touch the machine or electrical pans with your wet hand. If the water proof for the on/off switch, please replace it with a new one.
SECURITY	<p>I. When operating, please firmly hold the gun, as there is kicked back in the gun, otherwise the gun may be out of your control and damage or accident result.</p> <p>II. Please don't put the machine's power supply cord intersection, in order to avoid the wire damage and danger</p> <p>III. The machine maintenance must be done under the condition of cut off power supply.</p> <p>IV. The machine is single phase motor transmission circuit current carrying ability should not be less than 20 amperes. If it does not control to the national standard wires, it will cause motor stalling, motor burn and serious consequences.</p> <p>V. For your safety, make sure the accessories used of the machine is original from the factory or your agent.</p>

VII. TROUBLESHOOTING

Fault I	Motor does not Start or Stop, When it is working condition.	
	a. Power supply without the electricity or poor contact socket.	a. Check the power supply, insert the plug proper.
	b. The machine switch be affected with damp or damage.	b. Replace the machine switch.
	c. Temperature of the motor protector is high.	c. Wait for some time to let the motor cool.
Fault II	The nozzle Cannot Spray water or supply water in low pressure	
	a. Nozzle is clogged	a. Clear the nozzle or replace it if necessary.
Fault III	Water Leaking	
	a. Water seal worn-out.	a. Replace the water seal.
	b. Cone seal surface damage.	b. Replace the cone seal.

VI. SAFETY CONSIDERATIONS**I. Project safety inspection**

- a. Check whether the electric device wiring is strong enough and intact.
- b. With a 500v test lead to casing insulation resistance are generally should be greater than 20 mega ohm.

1. Power and control electric

- a. Ensure the power supply as per the label is affixed.
- b. Must install power control unit i.e. short circuit breaker, overload switch and residual, current circuit breaker etc.
- c. Note: Leakage protector installed or and after a period of time (generally every month) should be in the condition of switching power ON. Press the test button to check whether the leakage protection performance is proper and reliable. Each Time you press the test button, protection should be action at a time. If there is Disorder when it uploads, send it to factory for repair.

2. Cable

- a. Ensure the length of the cable should not be more than 5 meters
- b. Cable from the residual current circuit breaker to the pressure washer has to use single cable access.
- c. Motor through the cable should be reliable grounding (motor terminal box with ground mark)
- d. The machine must be kept on dry place, where no water contents are present and leakage complaints for the safety measures can be taken care.
- e. When operating the machine, he must wear insulating gloves and insulating shoes (The operator must buy gloves separately).

IV. DIRECTIONS FOR USE**1. Prepare for starting**

Before starting, check if there are any loose fittings and damages.

2. Connecting the water inlet hose

Connect the water inlet hose to the water inlet on the pump firmly without any leakage and connect the other end of the hose to the water source, such as immerse it into pool or water container. There should be a filter net outside the waster inlet hose-let there is impurity in the water and it will damage the pump if it comes in to pump.

NOTICE: The hose should not be twisted and make it extend.

3. Connecting the water outlet hose

Connect the pressure hose to the water outlet on the pump firmly without any leakage and connect the other end of the spray gun.

4. Connecting to the power wire

Make sure if the power supply is the same voltage as the machine requires. The fixed socket for the power supply should be connected by qualified person. If you use an extension cable, the plug and socket should be waterproof when it is connected to the socket, the switch on the machine must be in the OFF position.

5. Choice of nozzle**Fan nozzle**

When you choose large angle, the nozzle produces fan jet. Which can be used to clean large area on the surface of the dirt, such as cars, buses, trucks, tractors and other vehicles, ships, and food factories, hotel kitchen, bath, swimming pools, barns and animal husbandry etc.

Round hole nozzle

When you choose the small angle, the nozzle can produce strong and high pressure beam. It can be used to clean surfaces of dirt. Such as agricultural machinery, construction machinery, etc.

Use the original gun from factory, as the other- gun may not match the machine.

I. Start the machine

Check the water inlet hose and high pressure hose are well connected and power supply is connected, then you can put your thumb on the machine and press the trigger on the gun, the water will spray out in a few seconds after the air in the pump was discharged.

1. Spray to clean the surface with distance should not be far away because of the impact of the nozzle decreases with the increase of set distance.
2. In general, cleaning pressure shall not exceed the working pressure (Mpa). If you have any special needs, you can let the machine work, at the highest pressure of 9 Mpa. But it is not recommended to let the machine work under the highest pressure for long time.
3. After release, the trigger of spray gun, the machine will automatically shut down the motor. If you do not use the machine for a long time, you must switch OFF the power switch, press the trigger of spray gun to release the pressure.
4. When factory has adjusted the working pressure at 6 Mpa, with fan nozzle, the pressure should be 4-5 Mpa
5. It is normal that when it is working, there may be some water drop out from the water discharge holes in the pump Junction. It does not affect the use of Machine.
6. If it is a long time since your last use of the machine, because of the small torque for the single phase motor, the motor may not start when you turn it ON, In this case, you should turn it OFF, at once then repeat it for more 2 or 3 times. If it still cannot turn on. You can remove the fan cover from the motor and the fan rotates for 2 or 3 rounds and then turn on the motor again. (The fan cover should be re-installed when the motor is in OFF Condition before it is going to ON.)

V. MAINTENANCE

1. To enhance the life of the machine use recommended oil and every first consecutive, the new oil should be changed after 20 hours. After that, every 150 hours, you should replace the new engine oil. should use the 20w40 oil. Correct use of the oil is very important to ensure, the service life of machine.
2. In cold condition, the water left in the pump may solidify machine into ice also form rust, which may damage the parts of the pump when you start the machine, so when you finish using the machine, please drain out the water in the pump and store the machine in a warm room.