

KisanKraft® Warranty Certificate

(KISANKRAFT COPY)

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No Warranty On Electrical Motor / Electrical Parts / Battery Etc.

Incidental / Consequential Loss: KisanKraft Limited or its manufacturers will not be liable for general damages, including bodily injuries, or for incidental or consequential damages including, but not limited to, loss of use, loss of profits, loss of production, expense of substitute equipment or other commercial loss or damage.

Limitation of Liability: This limited warranty is in lieu of all other express warranties, obligations, or liabilities. Any implied warranties, obligations or liabilities, including, but not limited to, any implied warranty of merchantability shall be limited in duration to the applicable warranty period. Any action for breach of any warranty hereunder, including, but not limited to, any implied warranty of merchantability must be brought within the applicable warranty period.

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Receipt is required for availing warranty services

Jurisdiction: All disputes are subject to Bangalore court's jurisdiction.

Our Products	<ul style="list-style-type: none"> ◆Chainsaws◆Brush Cutters and Accessories◆Harvesters◆ ◆Engines and Water Pumps◆Hand Tools◆Garden Tools ◆ ◆Cultivators and Accessories◆Sprayers and Accessories◆ ◆Transplanter and Post Hole Digger ◆ Milking Machines ◆
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KisanKraft Limited (formerly known as KisanKraft Machine Tools P Ltd)

🌐: www.kisankraft.com ✉: info@kisankraft.com ☎: +91.80.22178200

KisanKraft® Warranty Certificate

(DEALER COPY)

Product	Centrifugal Water Pump for Agriculture	KisanKraft Invoice Date	
Brand	KisanKraft	KisanKraft Invoice No.	
Model	<input type="checkbox"/> KK-WPE-2510 <input type="checkbox"/> KK-WPE-4015 <input type="checkbox"/> KK-WPE-5020		
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Wide Range of Products for Every Need



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

User Manual



KisanKraft Limited

(Formerly known as KisanKraft Machine Tools Pvt Ltd)

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 ♦ Jammu ♦ Guwahati ♦ Hinudpur ♦ Hubli ♦ Hyderabad ♦
- ♦ Jaipur ♦ Karnal ♦ Kolkata ♦ Lucknow ♦ Patna ♦ Pune ♦ Raipur ♦

Disclaimer: Pictures used in this manual are only for illustration purpose.

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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Technical Specifications

	Model	KK-WPE-2510	KK-WPE-4015	KK-WPE-5020
Electric Motor	Power	0.75kW(1 hp)	1.1kW(1.5 hp)	1.5kW(2 hp)
	Rpm	2880		
	Type	Single Phase induction Motor		
	Poles	4		
	Voltage	220V-240V		
	Frequency	50 Hz		
	Ampere	5.2A	8.5A	9.5A
	Temperature (max)	60°C		
	Winding	Copper		
Centrifugal Water Pump	Head Max.	30 m	32 m	24m
	Head Min.	5 m	5 m	3
	Pump Suction Size	25 mm	40 mm	50 mm
	Pump Delivery Size	25 mm	40 mm	50 mm
	Discharge Range	5-110 LPM	50-235 LPM	50-500 LPM

Note: Specifications are subject to change without prior notice.

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Troubleshooting

Problem	Probable Cause	Solution
Motor won't start	No power	Check connections and voltage values
	Impeller got stuck	Refer to maintenance
Motor does not pump water	Clogged filter	Clean filter
	Excessive intake height	Move pump closer to water outlet level
	Air in intake pipe	Check intake pipe is airtight.
		Make sure foot valve is immersed by at least 50 cm
		Pump needs to be primed again
Flow rate insufficient	Intake height at limit	Check intake height
	Filter partially clogged	Clean foot valve and , if necessary , whole intake pipe
	Impeller blocked	Disassemble pump and carefully clean pump body and impeller
Tripped motor overload cutout	Overheated motor	Check voltage and ventilation
	Impeller stuck	Release impeller (see section on maintenance)

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Maintenance

Our pumps do not require any maintenance provided, if one takes the following precautions.

1. When there is a risk of freezing, empty the pump through the drain plug on the bottom of the pump body, making sure you prime it when subsequently starting it again.
2. Check that the foot valve is clean at regular intervals; if the pump is to remain unused for a long period of time (e.g., in winter) (Fig G), it is advisable to empty it completely, rinse it with clean water and store it in a dry place.
3. If the shaft does not turn freely, rotate it using a screwdriver inserting it in the slot (Fig H). If this is not sufficient to solve the problem, remove the pump body, undoing the relevant mounting bolts, and clean it thoroughly to remove any encrustation.

Note: Never carry out any work on the pump without having first disconnected it from the mains supply.

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Before Getting Started

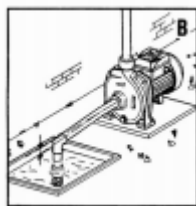
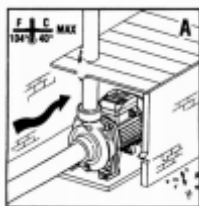
Thank you for your purchase and use of our products. In order to avoid accidents or injury, **please read this manual carefully** before using the machine. After reading, preserve it for further reference. Our company will not be responsible for any personal injury or mechanical failure caused by improper operation of the water pump. This manual describes the basic operation and maintenance instructions of new water pump. The data given in this manual is subject to change without prior notice.

Operating Conditions

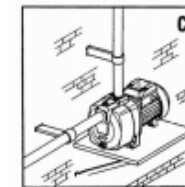
These pumps have been designed to pump neutral clean liquids in which no abrasive solids are suspended at temperatures of no more than 80°C (60°C for electric pumps with plastic impellers or diffusers).

Installation

1. The pumps must be installed in a dry well-ventilated place with an ambient temperature of not more than 40°C (Fig A).
2. Fix the pump in place on a solid flat surface using bolts to avoid vibration.
3. The pump must be installed in a horizontal position to make sure that the bearings operate correctly.
4. The diameter of the intake pipe must not be smaller than that of the intake mouth. If the intake height exceeds 4 meters, use a pipe with a larger diameter.
5. The diameter of the delivery pipe must be chosen to suit the flow rate and pressure required at the take-off points.
6. The intake must be slightly angled up towards the intake mouth to avoid the formation of air locks (Fig B).
7. Make sure that the intake pipe is completely airtight and immersed in the water by at least half a meter to avoid the formation of vortexes.
8. Always fit a foot valve at the end of the intake pipe. It is advisable to fit a non-return valve between the delivery mouth and flow rate adjustment gate valve to avoid dangerous water hammering in the event of the pump suddenly stopping. This measure is compulsory if the delivery water column is over 20 meters.

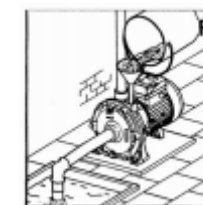
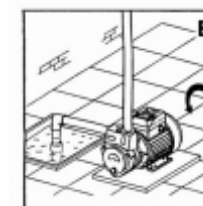
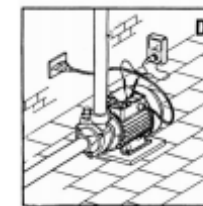


9. The pipes must always be fitted using the related brackets (Fig. C) to avoid transmitting stress to the pump body. Take care not to overtightening the pipes when fitting them.



Electrical Connections

1. The installer is responsible for making the electrical connections to the mains supply in compliance with the relevant regulation in force:
2. Make sure that the specifications on the pump rating plate and the rated line values are the same (Fig. D)
3. Connect the pump to an effective earth circuit and then connect up the phases following the diagram on the terminal block cover or rating plate
4. Our single –phase motors are protected against overloads using a thermal device (overload cutout) fitted in the winding. Users are responsible for fitting a suitable protection device for three-phase motors.
5. Check that the three-phase pumps rotate clockwise when looking at the pump from the motor fan side, swapping over two of the phase connections if they do not (Fig. E)
6. Priming: Fill the pump completely with clean water before switching it on. The water should be poured in through the priming plug (Fig F).
7. When you have completed the operation, screw the plug back in again and start the pump. The pump should be primed again whenever it has not been used for a long period of time or when air has made its way into the system.



Important: Never run the pump empty. If this happens by mistake, switch the pump off, wait it to cool down and then prime it using clean water.