

Water Butt Pump L476

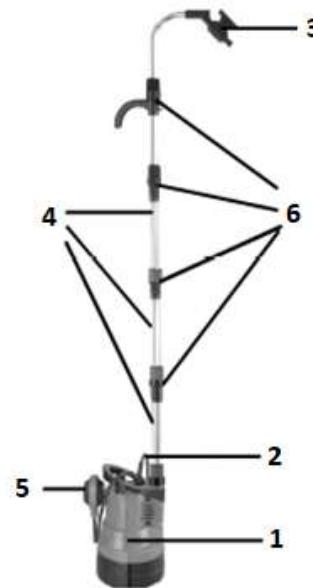
Instructions for Use

Please read and retain these instructions for future reference







v001: 13/01/23

Power Details

Model/Type	BRP4001
Voltage & frequency	240V – 50Hz
Power	400W
Max. delivery capacity	5200l/h
Max. pressure	1.1bar
Max. delivery height	11m
Max. submersion depth	7m
Min. water level for operation	5cm
Particle size (max)	3mm
Hose connection diameter	1"
Weight approx.	4kg
Liquid temperature (max.)	35°C



Parts List

1. Pump body	1pc	
2. Power cord	1pc	
3. Outflow tube & Socket with shut-off valve	1pc	
4. Extension tube with hanging hook	3pcs	
5. Float switch	1pc	
6. Gasket seal	4pcs	

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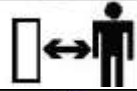


Please check with your telephone supplier.

Safety Instructions

Before using this product, read and understand all safety instructions.

Always follow the safety instructions to minimise risk of damage to property, and to minimise any risk of damage and injuries to persons and animals.

Symbols

	Caution! Risk of injury and/or damage and/or deterioration of product in case of non-compliance to safety requirements.
	Read the instruction manual.
	Keep people (especially children) and animals away from product and working area.
	Disconnect product from power source before maintenance, cleaning or any intervention on product; or when you do not use product. Disconnect product from its mains power source, if product, power cable, or extension cord is damaged or cut during operation. Unplug product by pulling the plug. Do not pull the cable.
	Do not dispose of this product with household rubbish. Dispose of this product in the nearest recycling centre. Please contact your local authority or local recycle centre for further information for its safe disposal.

General Safety Instructions

READ ALL THE INFORMATION BEFORE OPERATING THE PRODUCT.

1. Keep work area clean:
Cluttered areas and benches invite accidents and injuries.
2. Consider work area environment:
Only use the product in daylight or good artificial light.
Keep work area well ventilated.
Do not use product where there is risk to cause fire or explosion (in the presence of flammable liquids, solids or gas).
3. Guard against electric shock:
Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).
4. Keep away from others:
Do not let bystanders touch the product or its power cable or extension cord.
All bystanders (especially children) should be kept away from product and work area.
Never allow children to operate the appliance.
5. Store product:
When not in use, product should be stored in a dry, high or locked up place, out of reach of children.

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6. Do not force the product:
It will do the job better and safer at the rate/speed for which it is intended.
Do not use the product for purposes other than those for which it is intended. The product will do a better and safer job if it is used only for the purposes it was designed for.
7. Use the right product:
Do not force small product or attachments to do the job of a heavy duty product.
8. Dress appropriately:
When installing, do not wear loose clothing or jewellery; they can be caught in moving parts.
Wear protective hair covering to contain long hair.
9. Use protective equipment:
When installing, wear protective equipment appropriate to working conditions and work environment.
Wear hard hat, safety goggles, ear muffers, face or dust mask, protective gloves and non-skid footwear to reduce the risk of personal injury during products use or manipulation.
10. Do not abuse the power cable:
Never carry the product by the cable or yank it to disconnect it from the socket.
Keep the cable away from heat, oil and sharp edges.
Inspect the product cable periodically and if damaged have it repaired by an authorized service facility.
Inspect extension cords periodically and replace, if damaged.
11. Do not overreach:
Keep proper footing and balance at all times.
12. Maintain product with care:
Keep product clean for better and safer performance.
13. Disconnect product when not in use, before servicing and when changing accessories.
14. Avoid unintentional starting:
Ensure switch is off when plugging in.
15. Use of extension leads:
When product is used with extension cord, ensure that extension cord withstands product ratings. If used outdoors, use only extension cords intended for outdoor use. For additional protection, use with a Residual Current Device (RCD) having a rated residual operating current not exceeding 30 MA.
16. Stay alert:
Watch what you are doing. Use common sense.
Do not operate the product when you are tired, under the influence of alcohol, prescription medicines or drugs.
17. Check damaged parts:
Before further use or reuse of the product, it should be carefully checked to determine that it will operate properly and perform its intended function.
18. Defective switches or other part that is damaged should be properly repaired or replaced by an authorized service centre. Do not use product if the switch does not turn it on and off.
19. Warning:
The use of any accessory or attachment, other than those recommended in this instruction manual, may present a risk of injury to persons or animals and may cause damages.

The user and/or operator are responsible for accidents or hazards occurring to other people or their property.

20. Have your product repaired by a qualified person:

Unless otherwise indicated in this instruction manual, repairs or replacement of any damaged part by an approved garden machine repair centre is recommended.

This electric product is in accordance with the relevant safety requirements. Repairs should only be carried out by an approved garden machine repair centre using original spare parts, otherwise this may result in considerable danger to the user.

21. Remarks:

The safety precautions and instructions given in this manual are unable to cover in detail all the conditions and situations that may arise.

The operator and/or user take all reasonable precautions when operating the product especially for any matters that are not referred in the above.

Special warnings when using the pump

1. Become familiar with the controls and the proper use of the product.
2. The use of this product by children, without adult supervision, is forbidden.
3. Only well-instructed adults should operate the product.
Children should be supervised to ensure that they do not play with the appliance.
4. If the power cable is damaged, it must be replaced by a qualified repair centre in order to avoid any danger.
If the power cable or extension cord is damaged or cut during operation, immediately disconnect plug from its main power source. Do not touch the cable or extension cord before unplugging from the mains power.
5. Take care that electrical connection is made in a dry area and protected from flooding.
6. Before connection, check that your power source voltage matches the data indicated on the product (see Power Details).

Safety Precautions

1. The supply voltage should correspond with that given on the description label.
Do not use any other type of power supply.
2. The pump should be supplied by a circuit containing a residual current circuit breaker (RCCD) with a sensitivity not exceeding 30 mA.
Consult a qualified electrician.
3. The supply cable should be checked periodically and before each use to see if there are any signs of ageing or damage.
4. If the pump is not in good condition, do not use it. Have it repaired by an authorised repair centre.
5. If an extension is used, ensure that it is officially approved. Keep it well away from sharp edges, heat sources and combustibles.
6. The plug-in connector for the extension should be of the 2 pole + earth type of 10-16A/250V, in accordance with European standards. The wire section in the cable should be equal to or greater than 0.75mm². The cable should not be lighter than cables of H05 RN-F type.

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7. When disconnecting the power cable from the socket, always grip the plug itself and not the cable.
8. If the pump is used for emptying a pond, it should not be used when there are people in the pond.
9. When the pump is immersed, handling should not be carried out using the power cable, but using a device (for example a rope) connected to the carrying handle.
10. Do not use power cable or float switch cable for carrying or hanging up the pump. Use the handle.

Getting started



Before any intervention on product, ensure that product is disconnected from its power source.

Unpacking:

- Remove product from its packaging.
- Check that product and accessories are not damaged.

Connecting the evacuation hose:

1. Attach one or several tubes.(4).
2. Connect the discharge hose on to the hose connection/connector with stop valve (3).
3. Figure below shows an example of installation and use.



Adjusting the floating switch:

1. The float switch (5) enables the automatic start of the pump.
2. When the water rises to reach approximately 50cm, the pump starts up.
3. When the water level has dropped to approximately 5cm, the pump will stop automatically.
4. By shortening the length of the cable between the pump and the float, it is possible to modify the water heights that trigger starting and stopping of the pump.
5. To adjust the cut-in/cut-out height, fix the float switch cable to the float switch lock provided for this purpose, located at the top of the pump.
6. Adjust the cable to the required length.

Start-up:

Note: Before use, clear the outlet line.

Observe and respect minimum water level and maximum delivery height.

1. The pump must be in a vertical position: ensure that it is stable during operation.

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2. Ensure that the float switch can move freely.
3. The suction holes must never be obstructed. It is therefore preferable that the pump should never be placed directly on the ground or on the bottom of the water butt, well or pond. For example use a brick to support the pump.
Warning: to dry out premises (cellar draining for example) it will be necessary to place the pump below floor level.

Operation:

Intended use.

1. Water butt/cellar/tank drainer pumps are submersible pumps intended for domestic use. They should be used only for drying out flooded premises or for pumping water out of water butts, wells, cellars or tanks.
2. This pump is designed to suck up clear water with particles in suspension that are less than 3mm in diameter.
3. The pump is fully submersible: the immersion depth must not exceed 7m (refer to the Power Details table).
4. The pump should not be used for sucking up liquids or materials that are corrosive, combustible or explosive: fats, oils, waste water from toilet.
5. The temperature of liquids sucked up should not exceed 35 °C.
6. Any other use other than that described in the instructions, is likely to damage the pump and to put the user in serious danger.

Operation:

1. In automatic functioning mode:
Connect pump to mains power.
The pump will start and stop as soon as the float switch reaches the pre-set heights.
2. In manual functioning mode:
Connect pump to mains power.
Raise the float switch to start the pump, lower it again to stop the pump.
In this case, the minimum pumping water height may be reduced.
3. Warning!
The pump is not designed for continuous operation! (e.g. continuous water circulating operation).
Avoid running pump for more than 24 hours.
The submersible pump must be immersed before switching on.
Place pump into water, then let it purge the air (air bubbles). Only then can it be connected.
In automatic functioning, the filling-up time before float switch operates is enough to purge the air.

Advice for users:

1. If discharge stops although the pump continues to function, switch it off immediately. Unplug the pump from the mains and check to see what is causing the problem. Never attempt to remove the turbine when the pump is still connected to the power supply.
2. The pump is fitted with a motor protected by a thermal safety with auto reset.

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In the event of overheating, the motor stops automatically. As soon as the temperature returns to normal, the motor restarts.

Never place hands anywhere near the turbine during this phase. If remedial action is necessary, always unplug the pump from the power supply first.

3. The pump is also fitted with an automatic bleed device to evacuate any air that might have got into the suction circuit.

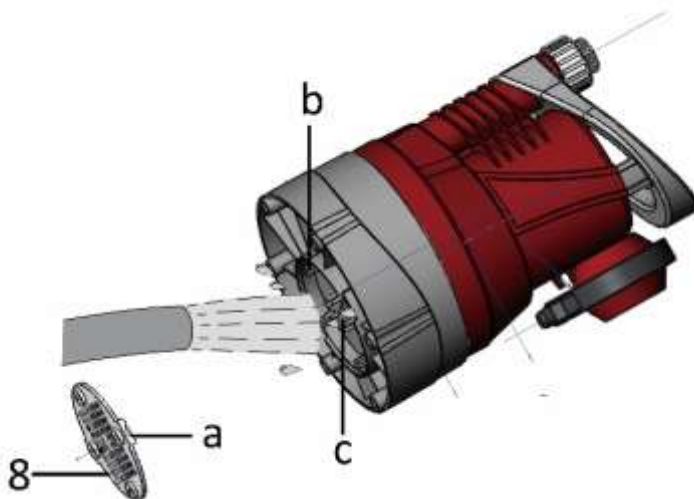
When the water levels drops below the vent located in the middle of the pump body, water is evacuated by this hole so as to automatically bleed the circuit: this is not a fault, but corresponds to a normal function of the pump.

Maintenance:

- In winter the pump must be thoroughly drained or kept in "frost free" conditions.
- Regularly rinse out the pump with clean water including the suction circuit.
- Avoid pumping liquid containing abrasive materials such as sand.
- Before each re-use, ensure that all parts of the pump are in good working order.
- Clean plastic parts with a soft clean cloth.
- Do not use aggressive cleaners (solvents or abrasive cleaners), or an abrasive sponge.

Cleaning

- Clean the device with a soft, damp and lint-free cloth. Protect electrical components from moisture. Do not use any aggressive cleaning agents such as cleaning sprays, solvents, alcohol-based or abrasive cleaners to dampen the cloth.
- First, remove the filter screen plate (part 8) from position by hand or tool. You will need to apply some force to remove the plate. Then flush the inner hole position c and impeller with water. Reinstall the filter screen plate to the corresponding 4 positioning column b.



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Breakdown

Never attempt to dismantle the pump.

If necessary, have it checked and repaired by an authorised centre (consult your dealer).

Incidents	Causes	Remedies
Pump does not start	<ul style="list-style-type: none"> - No supply from mains - Floater does not switch 	<ul style="list-style-type: none"> - Check mains power supply - Bring floater in a higher position
No flow	<ul style="list-style-type: none"> - Inlet is clogged - Pressure hose is bent 	<ul style="list-style-type: none"> - Clean inlet water jet - Reset hose
Pump does not switch off	<ul style="list-style-type: none"> - Floater cannot sink down 	<ul style="list-style-type: none"> - Place pump properly on shaft ground
Insufficient flow	<ul style="list-style-type: none"> - Inlet is clogged - Reduced pumping capacity by dirty and abrasive water 	<ul style="list-style-type: none"> - Clean inlet - Clean pump and replace worn-out parts
Pump switches off after short operating period	<ul style="list-style-type: none"> - Thermal cut-out stops pump due to dirty water. - Water too hot. Thermal cut-out stops pump 	<ul style="list-style-type: none"> - Remove mains plug. Clean pump and shaft - Make sure that a water temperature of max. 35 °C is not exceeded

Storage

Product must be stored in a dry location. Always lock up product and keep out of reach of children.

PLUG WIRING (UK & IRELAND)

This appliance is fitted with a moulded BS 1363 13-amp plug. If you have to replace the fuse, only those that are ASTA or BSI approved to BS1362 and with a rated current of 13-amps should be used. If there is a fuse cover fitted, this cover must be re-fitted after changing the fuse. If the fuse cover is lost or damaged the plug must not be used. Spare fuse holders and fuses are available from electrical outlets. If the socket outlets in your home or office are not suitable for this product's plug, the plug must be removed and disposed of safely. Attempts to insert the plug into the wrong socket is likely to cause electric hazard.

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DISPOSAL

- Coopers of Stortford use recyclable or recycled packaging where possible.
- Please dispose of all packaging, paper, cartons, packaging in accordance with your local recycling regulations.
- Plastics, polybags – Contains the following recyclable plastic.



Code & Symbol	 PP
Type of Plastic	Polypropylene
Commonly used for	Microwaveable food containers, yoghurt pots, butter tubs, disposable plates and cups
Notes	Commonly recycled and collected from household recycling bins (packaging tape itself not recyclable but does not interfere with cardboard)

- At the end of the product's lifespan please check with your local council authorised household waste recycling centre for disposal.



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