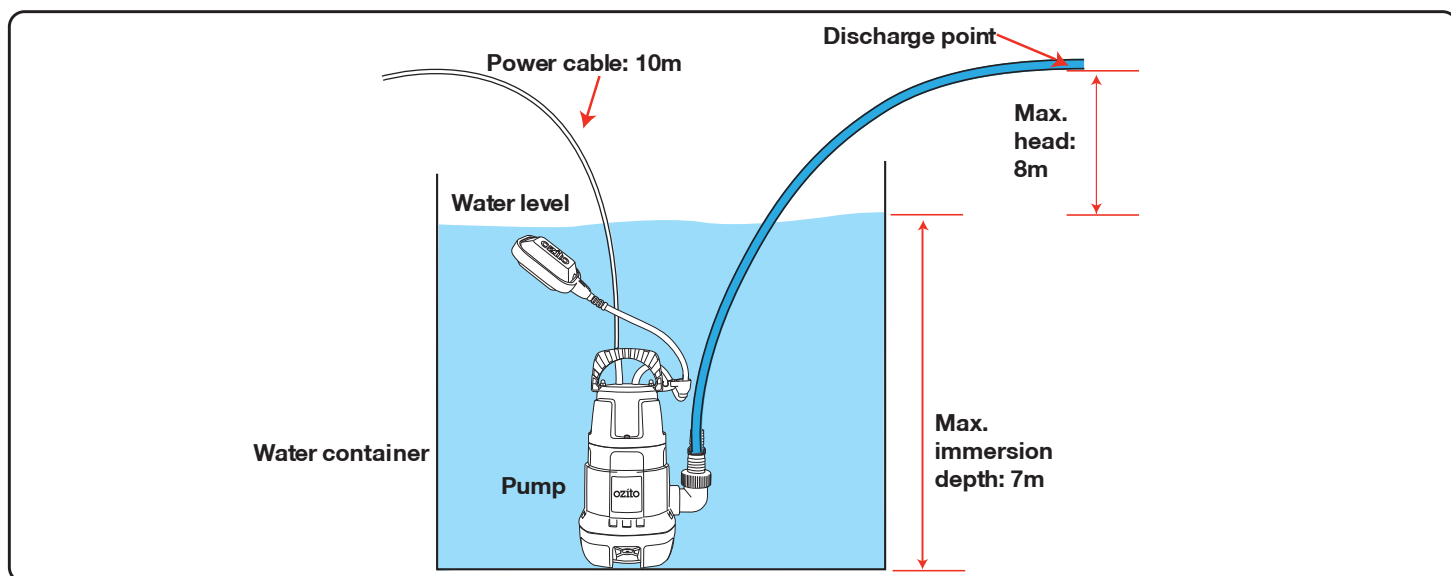


INSTALLATION



TROUBLE SHOOTING

Problem	Possible Cause	Solution
The pump does not start, or pump water	<p>Pump is not connected to the power supply</p> <p>Float switch has not been activated, water level too low</p> <p>The impellor is stuck</p> <p>The thermal overload protection is activated</p> <p>The motor is damaged</p>	<p>Check that the pump is connected to the mains power supply</p> <p>Manually raise the position of the float switch</p> <p>Turn pump off and inspect and clean obstruction</p> <p>Wait for the motor to cool and it will automatically start operation</p> <p>Contact Ozito customer service</p>
The pump does not supply water when the motor is running	<p>The suction base is obstructed/blocked</p> <p>Air lock in the hose/tube and/or pump (air bubbles)</p> <p>Discharge hose/tube (not included) is kinked damaged or blocked.</p>	<p>Clean the suction base of any foreign matter and debris</p> <p>Perform several start-ups in order to remove all the air or lift and tilt the pump slightly while the pump is running</p> <p>Un-kink the discharge hose/tube. Or replace hose/tube</p> <p>Disconnect the mains power and check the discharge outlet for any foreign matter</p>
The pump flow rate is reduced	<p>The max head / immersion is exceeded</p> <p>The suction base is partially obstructed/ blocked</p> <p>The hose/tube is obstructed</p> <p>Air leak in the suction line or joints</p> <p>Incorrect assembly leads to air and water leakage in the discharge lines</p>	<p>Reduce below the max head / immersion rating.</p> <p>Clean the suction base of any foreign matter and debris</p> <p>Remove the obstructions</p> <p>Check the suction line connections for air leaks and tighten or fix where found</p> <p>Ensure the discharge lines are the correct length and all assembly instructions are adhered to</p>
Pump will not turn off, even though the water level is low	<p>The float switch is stuck in the "on" position</p>	<p>Ensure that the float switch is free to operate normally. Contact Ozito customer service if the problem still occurs</p>
Hose/tube does not stay on the universal adaptor when water is travelling through	<p>The hose/tube is slightly wider than the dimension of the universal adaptor</p>	<p>An adhesive can be used inside the hose/tube to prevent this or Teflon tape can be fixed around the universal adaptor or a hose clamp can be used</p>
The pump operates intermittently	<p>The suction base is obstructed/blocked</p> <p>Incorrect voltage is being used</p> <p>The fluid contains particles thicker than 35mm</p> <p>The motor is faulty or damaged</p> <p>Water level is below 50mm</p>	<p>Clean the suction base of any foreign matter and debris</p> <p>Ensure the pump is connected into 230-240V power supply</p> <p>Ensure the pump is not being used with particles thicker than 35mm.</p> <p>Contact Ozito customer service</p> <p>Ensure the water level is above 50mm</p>

MAINTENANCE



WARNING! BEFORE CLEANING THE APPLIANCE OR CARRYING OUT ANY MAINTENANCE PROCEDURE, MAKE SURE THAT IT IS DISCONNECTED FROM THE POWER SUPPLY TO PREVENT ACCIDENTAL STARTING.

Cleaning

1. We recommend that you clean the appliance immediately after you use it.
2. Keep the safety devices free of dirt and dust as much as possible. Wipe the equipment with a clean cloth.
3. Clean the appliance regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the appliance. Ensure that no water can get into the interior of the appliance.

Storage

Pull the mains plug out of the socket, switch off the tool and make sure that it is secured in such a way that it cannot be started up again by any unauthorised person.

Store the tool in a dry location which is not accessible to unauthorised persons.

Supply Cords

If replacement of the supply cord is necessary, this has to be done by a certified electrician in order to avoid a safety hazard.

Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the tool by an unauthorised person or by mishandling of the tool.

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
l/h	Litre per hour	mm	Millimetre
∅	Diameter	m	Meter
°C	Degrees Celsius	L	Litres
	Maximum Operating Depth	IPX8	Ingress Protection from Water
	Regulator compliance mark		Read instruction manual
	Warning		

CARING FOR THE ENVIRONMENT



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.


For further information, or any parts not listed here, visit www.ozito.com.au or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: enquiries@ozito.com.au

ELECTRICAL SAFETY


 **WARNING!** When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury.

- Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool. Save these instructions and other documents supplied with this tool for future reference.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Always check that the power supply corresponds to the voltage on the rating plate.
- The power supply for this product should be protected by a residual current device (rated at 30mA or less). A

residual current device reduces the risk of electric shock.

- Inspect tool cords periodically and if damaged have them replaced by a certified electrician.
- Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.
- When using an extension lead on a reel, always unwind the lead completely. Do not use a damaged extension lead, or an extension lead that is not suitable for the power input of the tool. Failure to do so may result in a risk of fire and electric shock and will void the warranty.
- If the supply cord is damaged, it must be replaced by a qualified electrician in order to avoid a hazard.

GENERAL POWER TOOL SAFETY WARNINGS

 **WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1. Work area safety
 - a. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
 - b. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
 - c. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.
2. Electrical safety
 - a. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
 - b. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
 - c. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
 - d. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
 - e. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
 - f. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.
3. Personal safety
 - a. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
 - b. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
 - c. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
 - d. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
 - e. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

f. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

g. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

h. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

4. Power tool use and care

a. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.

b. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

d. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

e. **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.


g. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

h. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.


5. Service

a. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

SUBMERSIBLE PUMP SAFETY WARNINGS

 **WARNING!** This product is intended for pumping water in a Home Domestic application. Do not use it for corrosive, abrasive, explosive or dangerous liquids. Fluids other than water will damage the water pump and/or create a fire hazard.


Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

 **WARNING!** This product is not suitable for use with drinking (potable) water.

This appliance is not intended for use by person (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

- Ensure the water pump is disconnected from mains power when installing.
- Do not install or operate the water pump in an explosive environment or near flammable material.
- Do not operate the water pump without liquid.
- Do not run the water pump dry.

 **WARNING!** The water pump together with associated pipework operate under pressure. Do not disconnect water pump or pipework until internal pressure has been released. Failure to do this could result in personal injury and damage to property.

- Avoid inserting hands into the inlets/outlets of the water pump while it is connected to power.
- Before using the water pump, always inspect it visually. Do not use the pump if it is cracked and/or damaged. If the water pump is damaged, contact Ozito customer service.
- The water pump has a built-in thermal protection overload switch. The water pump stops if an overload

occurs. The motor restarts automatically after it has cooled down.

- The pump must not be used when people are in the water.
- Never work or perform maintenance on the pump without first making sure it has been disconnected from the mains power.

• Pollution of the liquid could occur due to leakage of lubricants Important: Avoid inserting hands into the mouth of the pump if it is connected to the mains. The electrical connection must always be made in a dry area. Make sure that electrical connections are protected from inundations.

Protect the plug and the power cable from heat, oil or sharp edges.

If damaged, The power cable must be replaced by a qualified electrician.

ozito

DIRTY WATER SUBMERSIBLE PUMP

780W

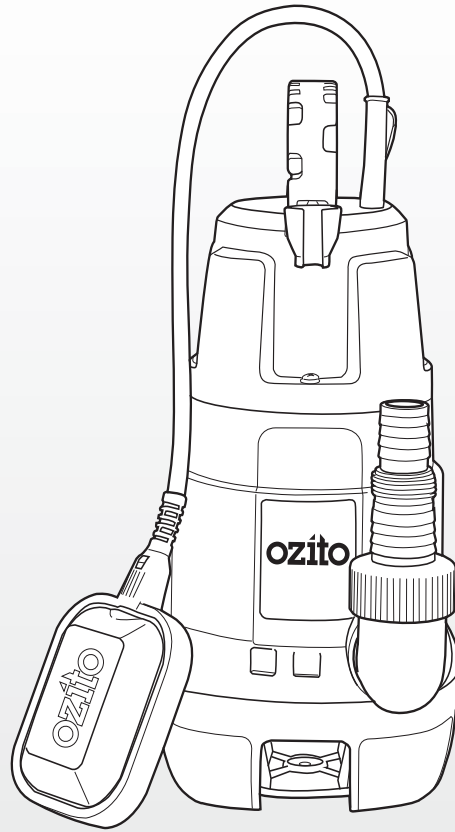
INSTRUCTION MANUAL

SPECIFICATIONS

Main Voltage:	230–240V ~ 50Hz
Input Power:	780W
Max. Flow :	15,700l/h
Max. Head	8m
Max. Immersion Depth:	7m
Min. Suction Depth:	50mm
Max Particle Size:	Ø35mm
Max Water Temp.:	1°C - 35°C
IP Rating:	IPX8
Weight:	5.22kg

ozito.com.au

3 YEAR
REPLACEMENT
WARRANTY*



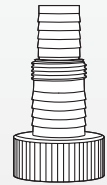
STANDARD EQUIPMENT



Submersible Pump



L-Shape Connector



Universal Adaptor

OSP-780

WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

Australia: 1800 069 486

New Zealand: 0508 069 486

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

3 YEAR REPLACEMENT WARRANTY*

Your product is guaranteed for a period of **36 months from the original date of purchase**. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: valve adaptors and accessories.

*This product is intended for DIY use only and replacement warranty covers domestic use.

WARNING

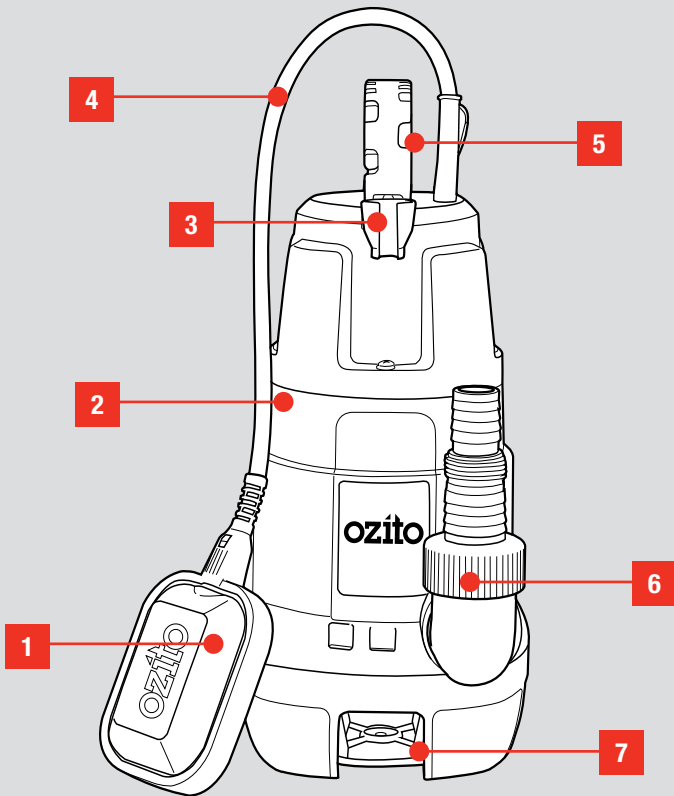
The following actions will result in the warranty being void.

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.
- Professional, industrial or high frequency use.

KNOW YOUR PRODUCT

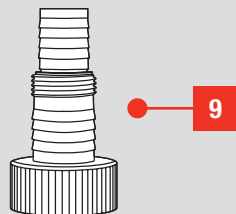
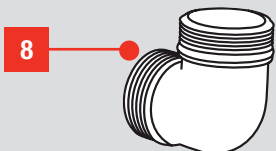
SUBMERSIBLE PUMP

1. Float Switch
2. Pump Housing
3. Float Switch Adjuster
4. Float Switch Cable
5. Handle
6. Outlet
7. Suction Base



ACCESSORIES

8. L-Shape Connector
9. Universal Adaptor



ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



3 YEAR REPLACEMENT WARRANTY*

SETUP & PREPARATION

1. ASSEMBLY



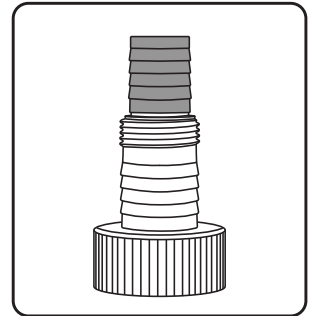
WARNING! ENSURE THE TOOL IS TURNED OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING OPERATIONS.

Installing The Universal Adaptor

The universal adaptor is designed to fit various sizes of pipes and fittings.

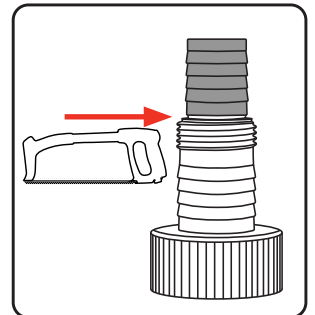
To fit a 25mm (1") rigid pipe or flexible tubing (temporary or permanent application only)

No cutting of the universal adaptor is required. It is ready to be fitted with a 25mm (1") rigid pipe or flexible tubing (not included).

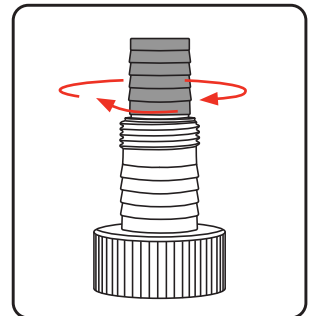


To fit a 25mm (1") Tap Adaptor (temporary application only)

1. Cut the universal adaptor using a hack saw. Ensure all flashing is removed.

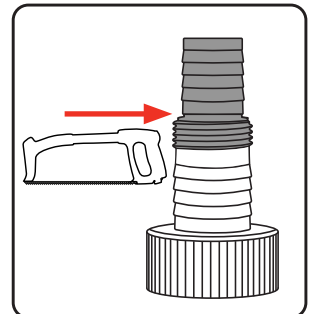


2. It is now ready to be fitted with a 25mm (1") screw on tap adaptor (not included).



To fit a 32mm (1 1/4") rigid pipe or flexible tubing (temporary application only)

Cut the universal adaptor using a hack saw. It is now ready to be fitted with a 32mm (1 1/4") rigid pipe or flexible tubing (not included).



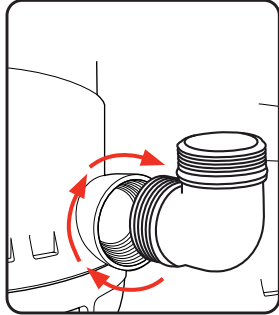
NOTE! TO USE THE PUMP IN PERMANENT INSTALLATIONS WITH RIGID PIPES, INSTALL A NON-RETURN VALVE TO AVOID THE FLUID BEING RE-CIRCULATED ONCE THE PUMP HAS STOPPED.

OPERATION

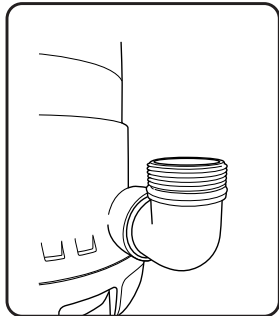
2. ACCESSORIES

Installing The L-Shape Connector

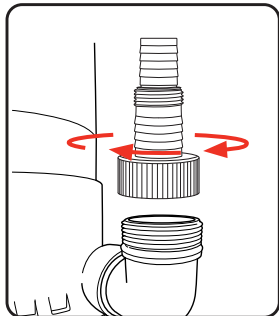
1. Screw the L-shape connector into the pump housing by rotating in a clockwise direction



2. Make sure the L-shape connector is firmly tightened so that the O-ring is compressed between the pump housing and the L-shape connector. This ensures no leakage will occur at this point.

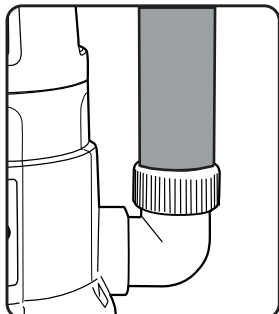
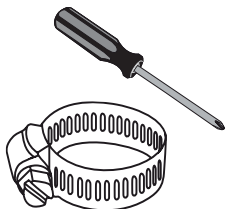


3. Screw the prepared universal adaptor clockwise onto the L-shape connector.



Note: The hose/tube/tap adaptor should not be connected at this stage.

4. Securely attach the hose/tube/tap adaptor to the universal adaptor, fit hose clamps if you are using flexible hose or tube, and tighten well.



3. CONTROLS

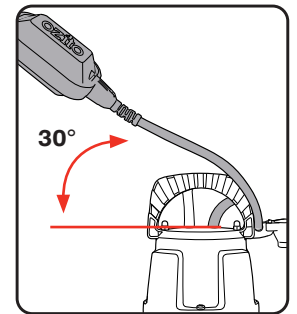
Using The Float Switch

The pump is fitted with a float switch, which controls how the pump switches on and switches off.

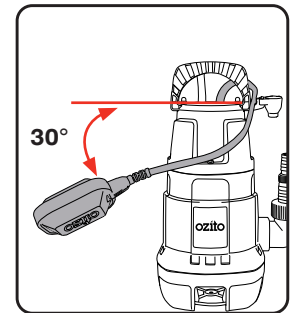
Automatic Mode

When the pump is plugged into an outlet and left unattended it will turn on when the float switch turns on

1. When the float switch is about 30° higher than horizontal (start up level) or above the handle, the pump will turn 'on' and operate (water depth of 500mm).

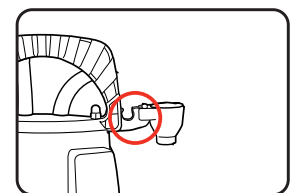


2. When the float switch is 30° lower than the horizontal or below the handle, the pump will turn 'off'. (water depth of approximately 150mm).

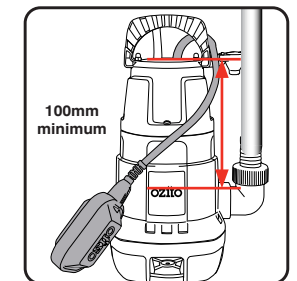


Note: There must be a minimum of 100mm of cable from the adjuster to the float.

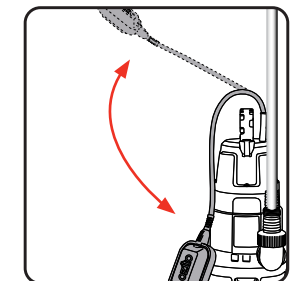
3. To set the pump to switch off at a higher water level, insert the float switch cable into the adjuster.



Note: There must be a minimum of 100mm of cable from the adjuster to the float.

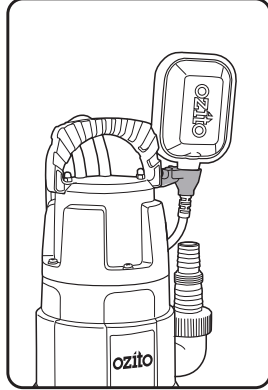


4. When the float switch cable is able to move freely the pump will function down to a water depth of 50mm and automatically shut off.



Manual Operation

When the float switch is held in the vertical position the pump will run continuously.

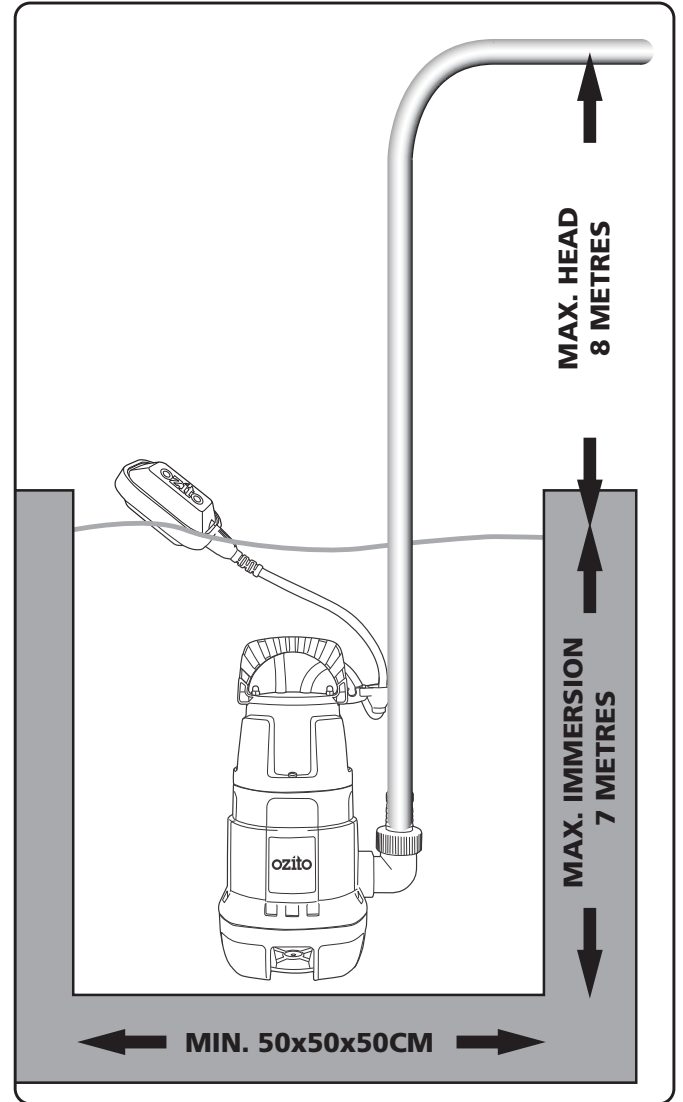


WARNING! TO PREVENT THE PUMP RUNNING DRY, THIS OPERATING MODE IS ONLY ALLOWED UNDER SUPERVISION. THE PUMP MUST BE SWITCHED OFF AS SOON AS NO MORE WATER IS EMITTED FROM THE DISCHARGE LINE.

4. USAGE

WARNING! NEVER CARRY, LIFT OR PULL UP THE PUMP BY THE POWER CORD. THIS WILL DAMAGE THE UNIT.

1. Ensure the distance from the lowest to the highest point that you wish to distribute the water does not exceed 8 metres.



2. Ensure that the container is large enough to allow the float switch to move freely and function effectively, A minimum of area of 50x50x50cm is required.
3. Ensure the pump is placed on a flat and level surface, there are no obstructions to the suction base and out of mud or sediment.

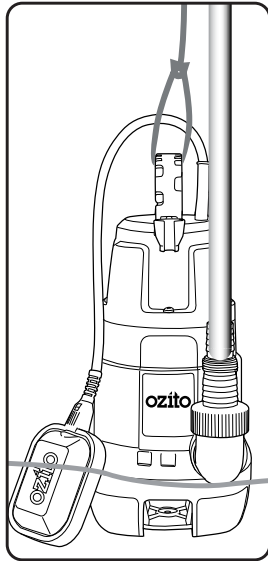
WARNING! THIS PRODUCT IS INTENDED FOR PUMPING WATER IN A HOME DOMESTIC APPLICATION. DO NOT USE IT FOR CORROSIVE, ABRASIVE, EXPLOSIVE OR DANGEROUS LIQUIDS.

WARNING! BEFORE SUBMERGING THE PUMP IN WATER, UNWRAP THE POWER CABLE AND ENSURE THE PLUG IS CLEAR OF ANY DAMP LOCATIONS.

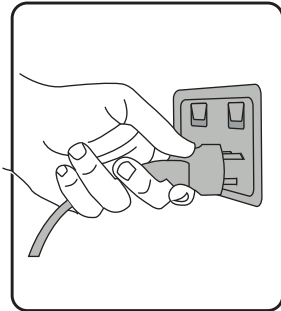
WARNING! THIS PUMP MUST BE USED WITH RESIDUAL CURRENT DEVICE RATED 30MA OR LESS.

Operating The Pump

1. Immerse the pump in the water. For deep water, use a rope (not included) and secure it to the handle. Set the pump in the desired position within the work area or tank.



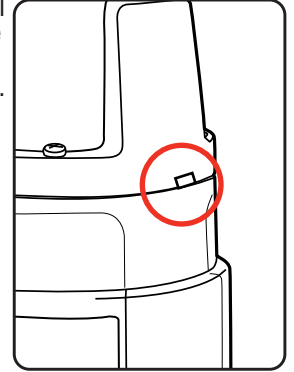
2. Insert the plug into the mains power socket. Where possible avoid using extension cords as this can lead to a voltage drop which may cause power loss and overheating. Switch on the mains power to operate pump.



3. To stop operation, turn off the mains power. The pump will also stop operation automatically once the float switch reaches the minimum water depth (50mm).

Priming

When immersed and ON the pump will need to prime and purge the air inside the pump before water flows at the outlet. This can take up to 20 seconds. If operating the pump manually tilting the pump to allow some air to escape from the base can help.



Air also escapes from the Air Bleed Valve. When pumping, the water pressure will shut this valve off.

WARNING! THE PUMP HAS THE CAPACITY TO PUMP DIRTY WATER WITH A NON SOLID PARTICLE SIZE OF UP TO 35MM IN DIAMETER.