WATERBOY™

Better with BROMIC PLUMBING & GAS

BROMIC WATERBOY™ SUBMERSIBLE PUMP RANGE

INSTRUCTION AND SERVICE MANUAL

BROMIC Pty Ltd
10 Phiney Place, Ingleburn, NSW 2565 Australia
AU 1300 276 642 **NZ** 0508 276 642 plumbing@bromic.com bromicplumbing.com

V4.3 - 12/2023

Dear Customer,

We thank you for the trust you've placed in our products!

Your new appliance was designed and manufactured with state of the art pumping technology.

Read these instructions for use carefully before using the appliance for the first time.

These instructions contain all information necessary to safely use this appliance in a manner that will maximise its lifespan. Please make sure to observe all safety information included in these instructions.

BROMIC®
PLUMBING & GAS

BROMIC Pty Ltd
10 Phiney Place, Ingleburn, NSW 2565 Australia
P: 1300 276 642 E: plumbing@bromic.com W: bromicplumbing.com

Table of Contents

What Do the Symbols Used Mean?

Danger notices and safety information has been clearly marked throughout these instructions. The following symbols are used to draw your attention to these important warnings:

Type and Source of Danger!
Failure to observe this danger notice may cause physical injury or death.

Electrical Safety

WARNING! When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric short circuit, personal injury and material damage. Read and understand the manual prior to operating this pump.

Save these instructions and other documents supplied with this pump for future reference. The electric motor has been designed for 230V-240V/50Hz. Always check that the power supply corresponds to the voltage on the rating plate.

NOTE: The power outlet used for the water pump must be protected by a 30mA residual current device or earth leakage circuit breaker. If the power outlet is external, ensure that it is weather proof. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. 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.

Using an Extension Lead
Always use an approved extension lead suitable for the power input of this product. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective. Then using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of this product or which is damaged or defective may result in a risk of fire and electric short circuit.

General Safety Warnings

WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in failure.

1. Work area safety
a. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
b. Do not operate pumps in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Pumps create sparks which may ignite the dust or fumes.
c. Keep children and bystanders away while operating a pump. Distractions can cause you to lose control.
2. Electrical safety
a. Pump plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) pumps. Unmodified plugs and matching outlets will reduce risk of electric short circuit.
b. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric short circuit if your body is earthed or grounded.
c. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the pump. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric short circuit.
d. When operating a pump, use an extension cord suitable for wet conditions. Use of a cord suitable for wet use reduces the risk of electric short circuit.
e. This pump must be used with a residual current device with rated residual current of 30mA or less. Use of an RCD reduces the risk of electric short circuit.
3. Personal safety
a. Stay alert, watch what you are doing and use common sense when operating a pump. Do not use a pump while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating a pump may result in serious personal injury.
b. Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying pump with your finger on the switch or plugging in pumps that have the switch on invites accidents.
c. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric short circuit if your body is earthed or grounded.
d. When operating a pump outdoors, use an extension cord
4. Pump use and care
a. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing pumps. Such preventive safety measures reduce the risk of starting the pump accidentally.
b. Disconnect the plug from the power source before conducting any maintenance on pumps. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the pumps operation. If damaged, have the pump repaired before use. Many accidents are caused by poorly maintained pumps.
c. Use the pump, and accessories etc., in accordance with these instructions and in the manner intended for the particular type of pump, taking into account the working conditions and the work to be performed. Use of the pump for operations different from intended could result in a hazardous situation.
5. Service
a. Have your pump serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the pump is maintained.
a. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Additional Safety Instructions for Pumps

WARNING! This product is intended for pumping water in domestic and commercial applications. 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 short circuit, fire and/or serious injury.

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 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 or animals 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 power.**
- **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.**

Spare Parts

Spare parts can be ordered from Bromic or your point of purchase. For further information on spare parts, please contact Bromic 1300 276 642 or email plumbing@bromic.com

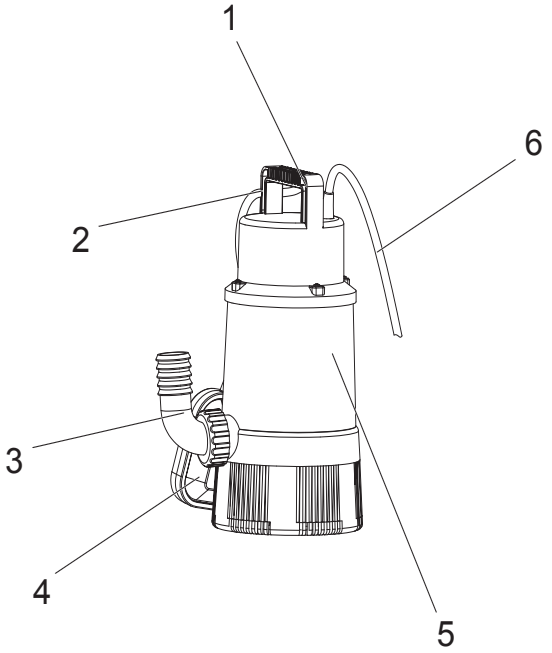
Caring for the Environment

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.

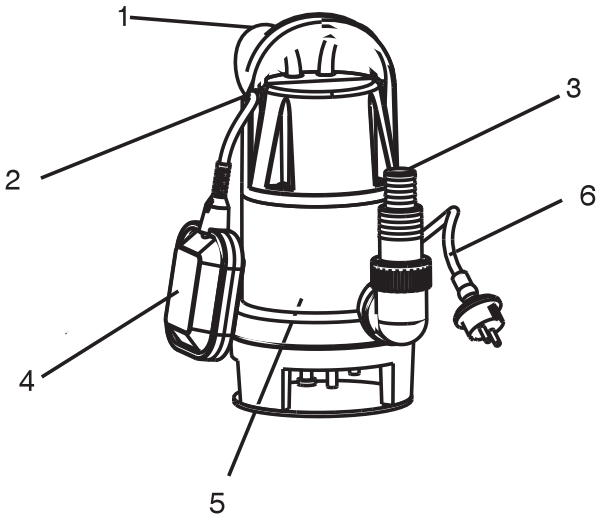
Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

Your Appliance At A Glance

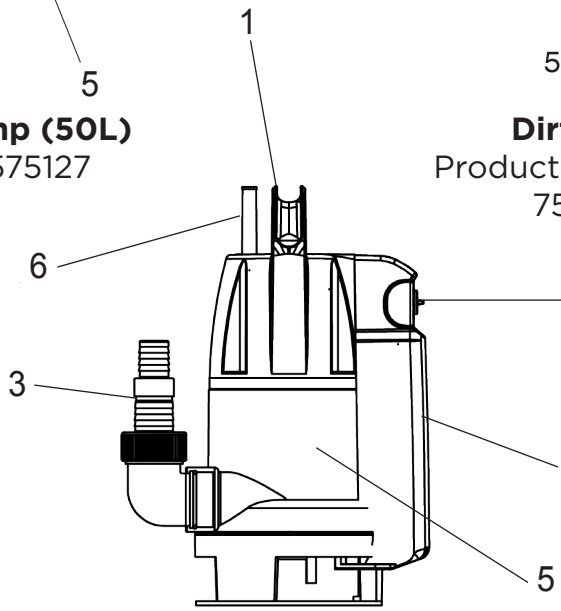
1. Carrying handle
2. Float switch height adjustment
3. Hose adapter for pressure connection
4. Float switch
5. Pump casing
6. Mains cable and plug
7. Manual/Automatic model switch



Clean Water Pump (50L)
Product No. 7575127



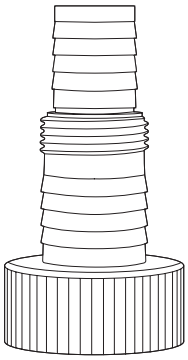
Dirty Water Pumps
Product No. 7575125 (400W)
7575126 (900W)



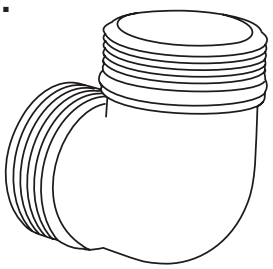
Dirty Water Pump with Vertical Float Switch (750W)
Product No. 7575132

Accessories
8. Universal Adaptor
9. L-Shape Connector

8.

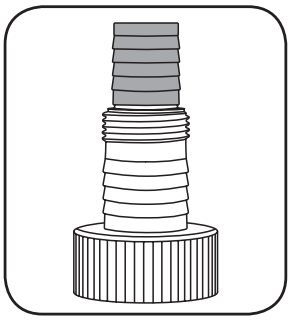


9.



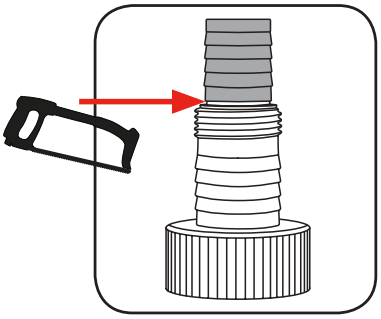
Setup & Preparation
1. Universal Adaptor

Ensure the pump is disconnected from the power supply before performing any of the following operations. The universal adaptor is designed to fit various sizes of pipes and fittings.



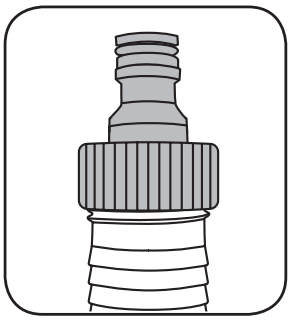
To fit a 25mm (1”) rigid pipe or flexible tubing (temporary or permanent application).

- 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).

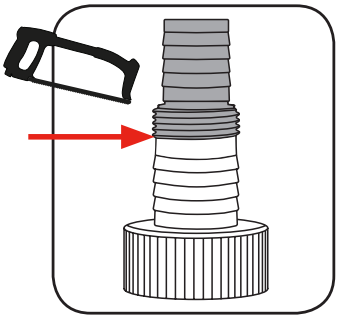


To fit a 25mm (1”) tap adaptor (temporary application only).

1. Cut the universal adaptor using a hack saw.



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



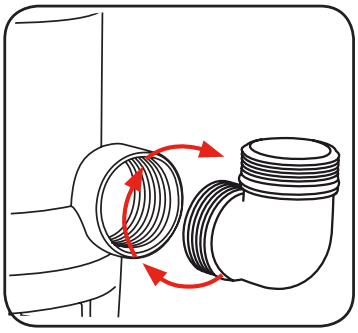
To fit a 32mm (1¼”) rigid pipe or flexible tubing (temporary or permanent application).

- Cut the universal adaptor using a hack saw. It is now ready to be fitted with a 32mm (1¼”) rigid pipe or flexible tubing (not included).

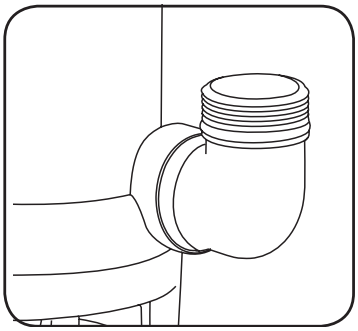
NOTE: TO USE THE PUMP IN PERMANENT INSTALLATIONS WITH RIGID PIPES, INSTALL A NON-RETURN VALVE TO AVOID THE WATER FLOWING BACK THROUGH THE PUMP WHEN IT HAS STOPPED.

Setup & Preparation
2. L-Shape Connector

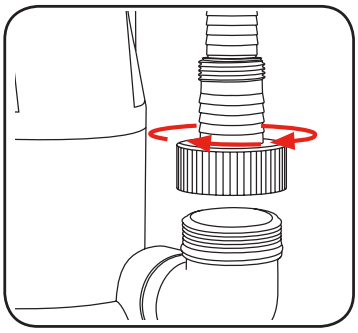
1. Screw the L-shape connector into the pump housing by rotating in a clockwise direction.



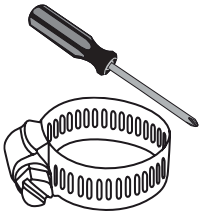
2. Make sure the L-shape connector is firmly tightened so that the O-ring is compressed between the pump housing and the L-shape connector. This ensures no leakage will occur at this point.

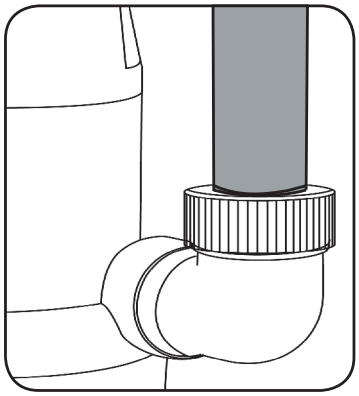


3. Screw the prepared universal adaptor clockwise onto the L-shape connector Note: The hose/tube/tap adaptor should not be connected at this stage.



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.



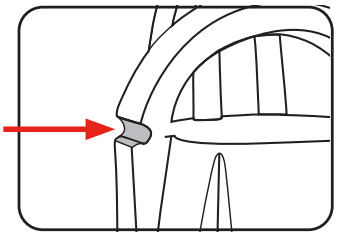


CAUTION: THIS PRODUCT IS INTENDED FOR PUMPING WATER IN A HOME DOMESTIC APPLICATION. DO NOT USE IT FOR CORROSIVE, ABRASIVE, EXPLOSIVE OR DANGEROUS LIQUIDS.

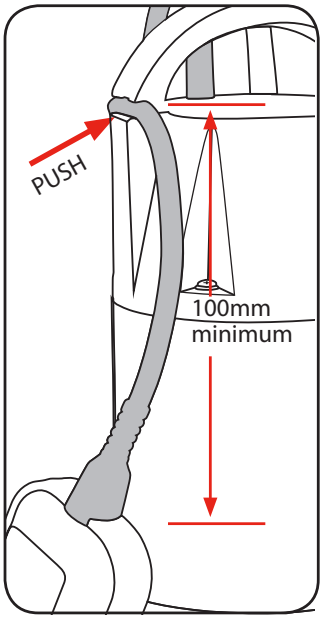
3.1 - Products 7575125, 7575126 and 7575127

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

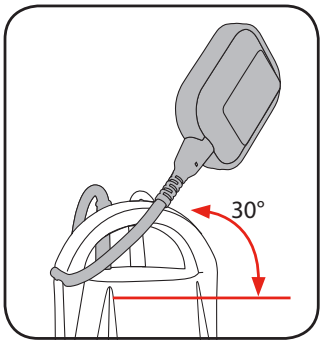
1. When the float switch cable is able to move freely, the pump will function down to a water depth of 50mm and automatically shut off.



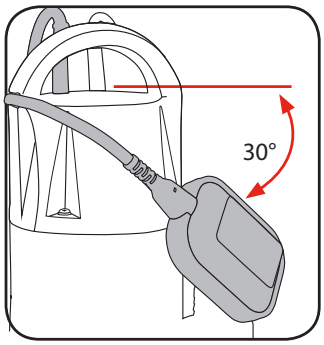
2. To set the pump to switch off at a higher water level, insert the float switch cable into the adjuster.
Note: There must be a minimum of 100mm of cable from the adjuster to the float.



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



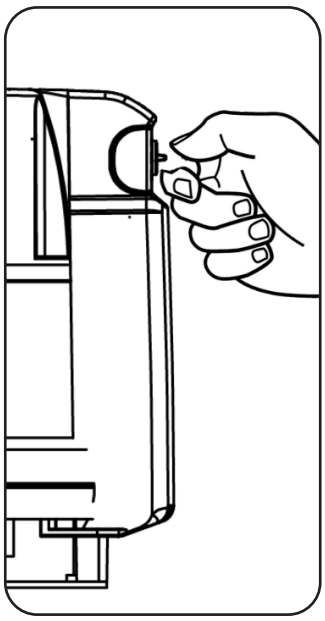
4. When the float switch is 30° lower than the horizontal or below the handle, the pump will turn 'off'.



3.2 - Product 7575132

The float switch is directly integrated within this product (wireless switch), enabling precise control over the pump's activation and deactivation.

Additionally, it offers a user-friendly function that allows users to choose between activating the automatic mode, utilising the integrated float switch, or opting for manual mode, where the pump turns on automatically upon cord connection. (Pump will turn on by itself when its cord has been connected.)



WARNING: PLEASE CAREFULLY REVIEW THE SAFETY INSTRUCTIONS IN THIS MANUAL BEFORE OPERATING THE PUMP.

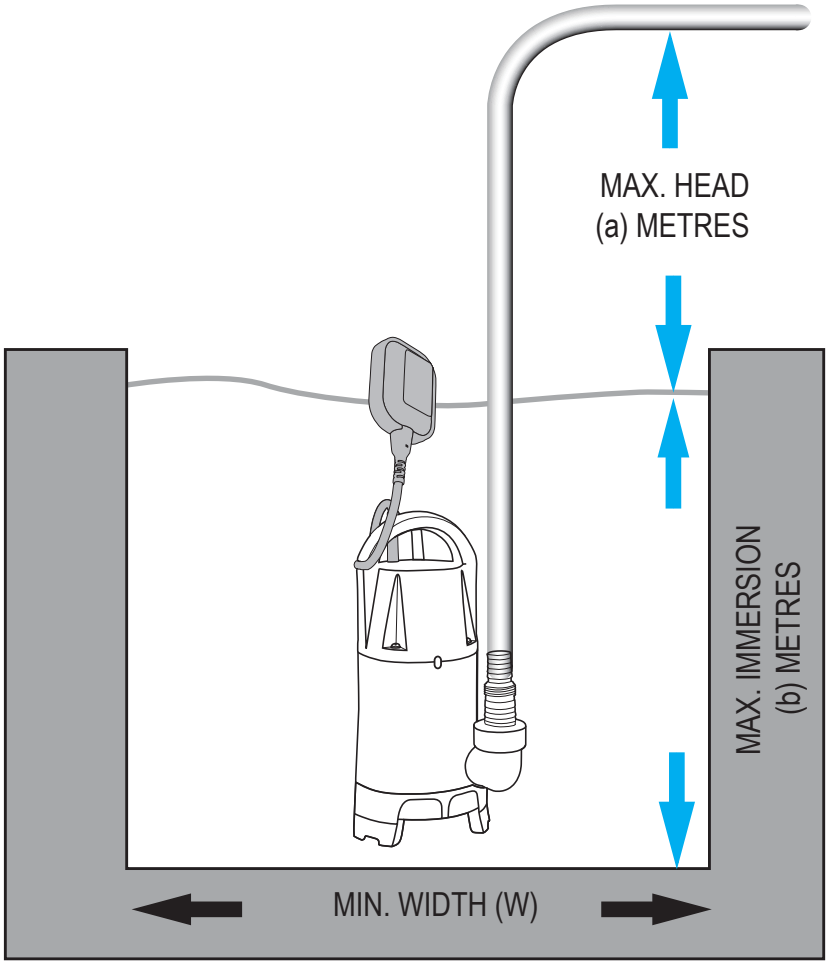
AUTOMATIC ON →

MANUAL ON →

4. Setup

CAUTION: Never carry, lift or pull up the pump by the power cord. This will damage the unit.

1. Ensure the distance from the lowest point to the highest point that you wish to distribute the water does not exceed the below graphs as per model.



Product No	Model	Max. Head (a) metres	Max. Immersion (b) metres	Min. Width (w) cm
7575125	Dirty Water (400W)	5m	7m	50 x 50 cm
7575126	Dirty Water (900W)	8.5m	7m	50 x 50 cm
7575127	Clean Water (50L)	30m	7m	50 x 50 cm
7575132	Dirty Water Vertical Float Switch (750W)	8m	7m	30 x 30 cm

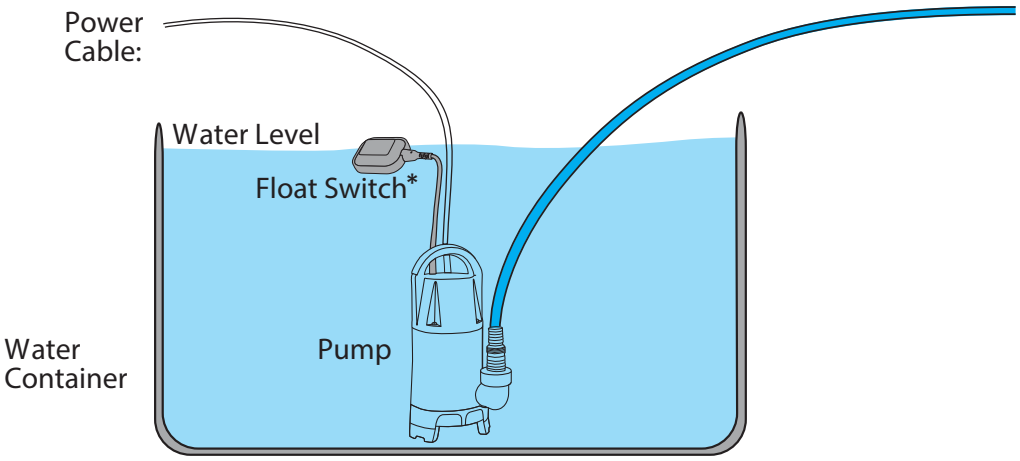
2. For 7575125, 7575126 & 7575127, ensure that the container is large enough to allow the float switch to move freely and function effectively.

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.

4. For 7575132, ensure the desired operation mode is chosen prior use.

5. Installation & Operation

IMPORTANT: Before submerging the pump in water, unwrap the power cable and ensure the plug is clear of any damp locations. For model 7575132, ensure the desired operation model is chosen prior use.



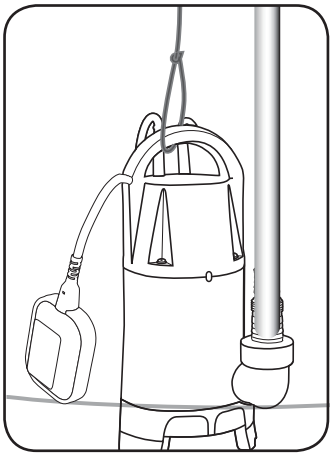
*Wire Float Switch only for 7575125, 7575126 & 7575127.

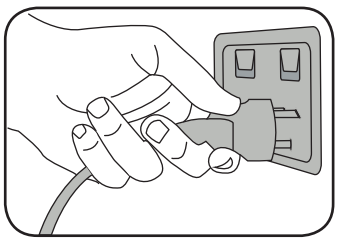
The pump must be used with a residual current device with rated residual current of 30mA or less.

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. 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 commence operation.

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.





CAUTION: Your pump has the capacity to pump water with a soft solid particle size of up to 0.5mm (7575127), or 35mm (7575125, 7575126 and 7575132).

Operation, Cleaning And Maintenance

Risk of damage to the appliance!
Do not lift the pump with the cable or pressure hose as these are not designed with the tensile strength required to lift the pump's weight.

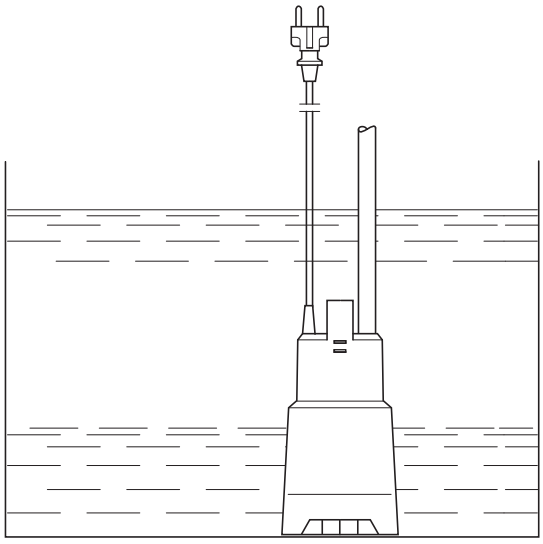
- Submerge the pump at an angle into the liquid to be delivered so that no air pocket forms on the underside of the appliance. Suction would be prevented by this. Once the pump is submerged, it can be righted again.
- Leave the pump on the bottom of the liquid container. Use a strong rope attached to the carrying handle of the pump for lowering.
- Tighten the end of the rope firmly after lowering.
- The pump can also be operated while suspended on a rope.

Note:
For operation with rope:
Do not operate the pump without pressure hose.
Avoid the pump twisting around its longitudinal axis.

Operation

After the appliance has been connected to the mains power supply, the pump is ready to operate.

Switch on the mains power supply with the pump submerged to pump liquid as required.



Risk of damage to the appliance!
The float switch must be able to move so that the submersible pump cannot run dry.

Cleaning and Maintenance

Disconnect the plug from the power source before doing any maintenance.

Before every use

What?	How?
Check casing and cables for damage.	Visual inspection.
Check float switch for damage.	Lift and shake the switch to ensure free movement of the contained metal balls.

Cleaning And Maintenance

After Every Use

What?	How?
Clean the appliance.	As described in the instructions below

Cleaning the Appliance Externally

Rinse with clean water. Remove stubborn contamination with a brush and detergent, then rinse with clean water. Submerge the pump in a container with clean water and switch on for a short time to rinse the inside of the pump.

Cleaning the Suction Area

Clean all accessible insides of the casing. Remove fibres which have wound around the rotor shaft by opening the pressure connection. Remove stubborn contamination with a brush and detergent, then rinse with clean water.

Note:
Before using the pump again, first “soak” it so that any possible dirt residue does not block the appliance.

Storing

If there is a risk of frost, dismantle the appliance and accessories, clean them and store in a place protected from frost.

Risk of damage to the appliance!
Frost destroys the appliance and accessories

Disposal

Disposing Of The Appliance

Products which are labelled with this “Waste Electronics Recycling” symbol  must not be disposed of in household rubbish. You must dispose of such old electrical and electronic equipment separately.

Please check with your local authority regarding correct disposal methods. Through separate disposal, old equipment is recycled or subjected to other forms of re-use. This, in turn, helps to avoid introducing damaging materials into the environment.

Disposal Of Packaging

The packaging consists of cardboard and correspondingly marked plastics that can be recycled.

These materials should be recycled.

Malfunctions and Troubleshooting

In the event of a malfunction...

Danger of physical injury and death!
Improperly conducted repairs may prevent your appliance from working safely. Such repairs will endanger you and your surroundings.

Malfunctions and Troubleshooting

Minor faults will often cause a malfunction. In most cases, you will be able to correct these faults easily yourself. Please start by referring to the following table before contacting a technical support representative. For simple faults, this will save you both the effort of organising a technician and the expense associated with such a visit.

Fault/malfunction	Cause	Remedy
Pump does not run.	No mains voltage?	Check cables, plug, socket and fuse.
	Motor overheats due to: • liquid temperature too high? • blocked by foreign bodies?	Eliminate the cause of the overheating (max. temperature of liquid ►Technical data – p. 16).
	Residual current circuit breaker (RCCB) triggered?	Reset RCCB. Contact qualified electrician if RCCB triggers again & discontinue use.
	Motor defective?	Contact service partner.
Pump runs but does not pump.	Suction openings blocked?	Rectify blockage.
	Pump draws in air?	Keep the pump at an angle while submerging.
		Switch the pump on and off several times in order to expel air.
	Pump blocked by foreign bodies?	Clean the pump (►Cleaning the suction area – p. 13).
Delivery rate too low.	Delivery height too great?	Comply with maximum delivery height (► Technical data – p. 16).
	Pressure line diameter too small?	Use pressure line of a larger diameter.
	Pressure line blocked?	Rectify blockage.
	Suction openings blocked?	Clean suction opening.
	Pressure line kinked?	Straighten pressure line.
	Pressure line leaks?	Seal pressure line, tighten threaded connections.
Pump runs very loudly.	Pump draws in air?	Ensure there is sufficient liquid present.
		Keep the pump at an angle while submerging.

Technical data

If you are unable to correct a fault yourself, please contact our technical support directly. Please note that improperly conducted repairs will void your warranty and may result in additional expenses.

	CLEAN WATER	DIRTY WATER		
	50L	400W	750W	900W
Product number	7575127	7575125	7575132	7575126
Rated voltage	230-240V/50Hz	230-240V/50Hz	230-240V/50Hz	230-240V/50Hz
Rated power	800W	400W	750W	900W
Protection type	IPX8	IPX8	IPX8	IPX8
Max. supply height	30m	5m	8m	8.5m
Max. flow rate	5500 l/h	8000 l/h	13000 l/h	14000 l/h
Max. submersion depth	7m	7m	7m	7m
Max. temperature of liquid	35°C	35°C	35°C	35°C
Pressure pipe diameter Pipe connection	G1” G1¼”	G1” G1¼” G1½”	G1” G1¼” G1½”	G1” G1¼” G1½”
Cable length	10 m	10 m	10 m	10 m
Grain size	0.5mm	35mm	35mm	35mm
Warranty	2 Years			

WATERBOY™

Better with BROMIC PLUMBING & GAS

BROMIC Pty Ltd
10 Phiney Place, Ingleburn, NSW 2565 Australia
AU 1300 276 642 **NZ** 0508 276 642 plumbing@bromic.com bromicplumbing.com