AQUAPRO

CREATE A BIT OF BRILLIANCE IN YOUR OWN BACKYARD

AS10000DF
SUBMERSIBLE SUMP PUMP
- INSTRUCTIONS -

MODEL
02AS020

DATE
MAY 2021 v1.0

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CONGRATULATIONS ON YOUR PURCHASE OF THIS PRODUCT BY AQUAPRO.

TECHNICAL SPECIFICATIONS

DESCRIPTION	AS10000DF
VOLTAGE*	220 - 240V
POWER	550W
MAX HEAD HEIGHT	7.0M
MAX FLOW	10000L/H
MAX IMMERSION DEPTH	7.0M
MAX SOFT SOLID PARTICAL SIZE	35MM
INLET / OUTLET	25 / 32MMØ
CABLE LENGTH	10M

Please read these instructions and familiarise yourself with the equipment before placing it in service. Correct and safe use of the system requires strict compliance with the safety instructions. For safety reasons persons less than 16 years of age or people that are not familiar with these instructions should not use this equipment.

FEATURES

YOUR AQUAPRO SUMP PUMP HAS BEEN MANUFACTURED WITH ADVANCED TECHNOLOGY TO PROVIDE YOU WITH THE BEST QUALITY PUMP FOR EXTRACTING DIRTY WATER FROM PONDS, TANKS AND DRAINS.

- This product is not suitable for use with drinking (potable) water and is not continuous rated.
- An automatic float switch turns the pump on and off as water levels rise and fall.
- The pump has a convenient carry handle for easy positioning.

MAINTENANCE

BEGIN BY ENSURING THAT THE MAINS POWER SUPPLY IS DISCONNECTED BEFORE ATTEMPTING ANY MAINTENANCE OR ADJUSTMENT OF THE UNIT OR THE WATER BODY. THE PUMP DOES NOT REQUIRE ANY MAINTENANCE UNDER NORMAL OPERATING CONDITIONS.

CLEANING THE PUMP & BASE

- Use a damp cloth to clean the outside of pump housing. Allow to dry thoroughly before storing in a dry location that is protected from the elements. Hose down gently with low pressure water. Allow to dry thoroughly before storing.

POWER CABLE

- Damage to, and tampering with the cable voids warranty.

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INSTALLATION

- Screw the 90° elbow connector into the pump housing in a clockwise direction. Tighten the elbow firmly to prevent leakage.
- Prepare the Multiple Hosetail Outlet; it is designed to fit various hoses, pipes and fittings. Three options are detailed below.
    1. **To fit a 25mm (1") tap adaptor (temporary application only) Cut off the first 25mm barbed section with a hacksaw directly in front of the threaded section. It is now ready to be fitted with a 25mm (1") tap adaptor (not included).**
    2. **To fit a 25mm hose. No cutting is required; hose or tube is now ready to be fitted.**
    3. **To fit a 32mm hose. Cut off the 25mm barbed and threaded sections with a hacksaw leaving the 32mm barbed section only; hose or tube is now ready to be fitted.**
- Screw the prepared Multiple Hosetail Outlet clockwise onto the elbow, tightening firmly to Prevent leakage. Tubing or hose not to be connected at this stage.
- Fit hose or tube to the prepared Multiple Hosetail Outlet and secure with hose clamp (not supplied).
- Unwrap the power cable and ensure the plug is clear of wet damp locations.
- If required the pump can be immersed in deep water by using a rope secured to the carry handle.
- Adjusting the Float Switch. The float switch allows you to adjust the switching On and Off depending on the application requirements. The float switch can also be set to run continuously.

AUTOMATIC MODE

- In automatic mode float heights can be adjusted between 500 and 150mm. To control the automatic on/off switching at various water levels, simply reduce or increase the length of the float switch cable by inserting the cable into the circular groove (Float Switch Adjuster) on the side of the carry handle.

MANUAL MODE

- *CAUTION:* The pump is to be observed at all times during manual mode. Prolonged use in manual mode may result in a shorter motor life or burnout. Set the float switch cable into the circular groove with the float as close to the pump as possible. To turn on, position the float above horizontal. The pump will now run continuously until turned off. Turn off by tilting the float down 30° or switching off at the power point (GPO).

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OPERATION

- The pump is now ready for use; ensure the pump is not immersed in water deeper than 7m and that the discharge point is not higher than 7m above the water surface.
- Ensure the area being pumped out is large enough to allow the float switch to move freely and function effectively.
- Place the pump on a flat surface and check there are no obstructions to the suction base.
- When the float switch is 30° higher than horizontal or above the handle, the pump will turn on and operate.

  ATTENTION: The pump starts up as soon as the float switch reaches start-up level. ie: Above the handle or higher than 30°.
- The pump will turn off when the float switch is lower than the handle or is lower than 30° from horizontal. Alternatively, you can manually turn the pump off at the mains power.
- If you wish to use the pump down to the minimum water depth of 50mm, the float switch will need to be operated manually. The pump can be manually turned "on" by lifting the float to activate the internal switch.

  NB: If you manually turn the pump off, be aware of the location of your hose or tube. If it is at a lower point than the pump, the water will continue to siphon out, unless a non-return valve (not included) is fitted to the hose or tube.

TURNING ON AND OFF

- Insert the plug into the mains power socket (GPO). 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.
- To cease operation, turn off the mains power. The pump will also stop automatically once the float switch reaches 30° below horizontal.

HINTS FOR OPERATION

- To maximise pump flow use the largest diameter hose or tube possible. Smaller diameter hose or tube will reduce the flow rate relative to their size. Where possible use discharge pipes having a larger diameter than the discharge outlet.
- Do not run the pump without water flowing through it. This leads to increased wear and possible burn out. Immediately unplug the pump as soon as water supply or flow stops.

  NB: The built in thermal overload protector will automatically switch off the pump in the event of overheating. The motor automatically

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PART DESCRIPTION

1 FLOW SWITCH CABLE
2 FLOAT SWITCH ADJUSTOR
3 AUTOMATIC FLOAT SWITCH
4 INTEGRAL CARRY HANDLE
5 10M POWER CABLE
6 PUMP HOSTING
7 25MM HOSETAIL
8 25MM (1" BSP) THREAD
9 32MM HOSETAIL
10 90° ELBOW
11 INTAKE/SUCTION BASE

NOTE:
PLEASE CONSULT YOUR RETAILER FOR QUALITY ORIGINAL AQUAPRO REPLACEMENT PARTS FOR YOUR AQUAPRO PRODUCT.

VISIT WWW.AQUAPROONLINE.COM.AU FOR NEAREST STOCKISTS.

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SAFEGUARDS & WARRANTY

DISCONNECT POWER CORD FROM THE POWER SUPPLY BEFORE PERFORMING MAINTENANCE. NEVER LIFT THE PUMP BY THE POWER CORD.

To guard against injury, basic safety precautions should be observed including, but not limited to the following:

- Always use a properly grounded power supply that is connected to an RCD with a rated residual operating current not exceeding 30mA. As per AS/NZS 3350.2.41:1997.
- Always unplug the pump from the power supply when not in use or before performing any maintenance on the pump.
- Do not install or store the pump where it will be exposed to extreme hot or cold temperatures.
- Do not attempt to repair the pump yourself. Return to an authorised service centre or place of purchase if a fault occurs (regular maintenance is not considered repair and is required by user).
- This product comes with a warranty against defects and motor failure (Warranty). The benefits provided in this Warranty are in addition to other rights and remedies available to you under the Australia Consumer Law. The Warranty is provided to the original purchaser of the product on the following terms:
- The warranty is given by Aquatec Equipment Pty Ltd trading as Aquatec Equipment: 37 Edison Circuit, Forrestdale WA 6112; contactable by phone 1300 552 202 or email sales@aquatecequipment.com.
- To make a claim under warranty you must return the faulty product to the place of purchase with a valid receipt or proof of purchase.
- A warranty claim must be made within 1 Year of the date of purchase.
- If your claim complies with the above terms and the product is not an exhaustible item and no Voiding Events have occurred, we will (at our sole discretion):
  - repair the product, if possible; or
  - provide a replacement product; or
  - if a replacement product is not available, provide a refund for the purchase price paid.
- You will bear the cost associated with claiming under the warranty such as the cost of transportation and delivery of the productto and from the place of purchase.
- The product contains a mechanical seal and O rings. These items are exhaustible (Exhaustible Items) and are not covered under the Warranty.
- The warranty will be void if any of the following events occur, as determined by us, at our sole discretion (Voiding Events):
  - any tampering/removal of warranty/ identification labels or electrical components is evident;
  - the defect has arisen due to: an accident, incorrect or inadequate installation, misuse or abuse of the product (including improper maintenance and service), excessive wear and tear, not following manufacturer's guidelines/instructions, or the product has been used in a manner contrary to the purpose or suitability of the product;
  - the product has been modified without our authority;
  - the defect is caused by power surges / spikes / brownouts.
- Loss of livestock, damage to property or personal injury caused by the improper use or abuse of the product will not be covered and the manufacturer excludes all liability for such events, to the extent permitted by law.
- In addition to the warranty set out above, our goods come with guarantees that cannot be excluded under the Australian Consumer 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.

FOR MORE INFORMATION AND THE COMPLETE AQUAPRO RANGE
VISIT WWW.AQUAPROONLINE.COM.AU

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TROUBLESHOOTING

PROBLEM	REASON	SOLUTION
THE PUMP DOES NOT START, OR PUMP WATER	Pump is not connected to the mains power supply	Check that the pump is connected to the mains power supply
	Float switch has not been activated, water level too low	Manually raise the position of the float switch
	The thermal overload protection is activated	Wait for the motor to cool and it will automatically start operation
	The motor is damaged	Contact AQUAPRO customer service
THE PUMP DOES NOT SUPPLY WATER WHEN THE MOTOR IS RUNNING WHEN THE MOTOR IS RUNNING	The suction base is obstructed/blocked	Clean the suction base of any foreign matter and debris
	Air lock in the hose/tube and/or pump (air bubbles)	Perform several start-ups in order to remove all the air or lift and tilt the pump slightly while the pump is running
	Discharge hose/tube (not included) is kinked or damaged	Un-kink the discharge hose/tube. Or replace matter and debris
THE PUMP FLOW RATE IS REDUCED	The suction base is partially obstructed/blocked	Clean the suction base of any foreign matter and debris
	The hose/tube is obstructed	Remove the obstructions
	Air leak in the suction line or joints	Check the suction line connections for air leaks and tighten or fix where found
	Incorrect assembly leads to air and water leakage in the discharge lines	Ensure the discharge lines are the correct length and all assembly instructions are adhered to
PUMP WILL NOT TURN OFF, EVEN THOUGH THE WATER LEVEL IS LOW	The float switch is stuck in the "on" position	Ensure that the float switch is free to operate normally. Contact AQUAPRO customer service if the problem still occurs
HOSE / TUBE DOES NOT STAY ON THE UNIVERSAL ADAPTOR WHEN WATER IS TRAVELLING THROUGH	The hose/tube is slightly wider than the dimension of the universal adaptor	An adhesive can be used inside the hose/tube to prevent this or teflon tape can be fixed around the universal adopter or a hose clamp can be used
THE PUMP OPERATES INTERMITTENTLY	The suction base is obstructed/blocked	Clean the suction base of any foreign matter and debris
	Incorrect voltage is being used	Ensure the pump is connected into 240V power supply
	The fluid contains particles thicker than 5mm	Ensure the pump is not being used with particles thicker than 5mm.
	The motor is faulty or damaged	Contact AQUAPRO customer service
	The temperature of the fluid is too high	Ensure that maximum permissible water temperature (35°C) is not exceeded
	The water level is below 50mm	Ensure the water level is above 50mm

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