

DIGITAL USER GUIDE

Clean-water pumping, set up safely.

amiciFlo submersible water pump · SKU 1xSP-PARTS-T1-N (2 m, 5 m and 8 m cable versions)



55 W

220–240 V AC mains

Max lift **3.5 m**

Max flow **1,500 L/h**

1/2" and 3/4" nozzles

For clean fresh water: tanks, fountains, ponds, aquariums and hydroponics.

Scope: SKU **1xSP-PARTS-T1-N** with a 2 m cable, **1xSP-PARTS-T1-N-5M** (5 m) and **1xSP-PARTS-T1-N-8M** (8 m). The pump is the same in all three; only the cable length differs.

Mains electricity and water. Always unplug the pump before touching it or putting your hands in the water. Never pump flammable liquids, hot liquids or salt water.

CONTENTS

What is in this guide

SKU 1xSP-PARTS-T1-N / -5M / -8M · Version 1.0

01	Product overview Pump parts and supplied nozzles	page 3
02	Safety Warnings and cautions from the instruction manual	page 4
03	Installation and use Placing the pump, choosing a nozzle, switching on	page 5
04	Performance Flow at different lift heights	page 6
05	Cleaning and maintenance Dismantling, cleaning, lubricating the shaft	page 7
06	Specifications Ratings and protection	page 8
07	Troubleshooting If the pump does not run or pumps poorly	page 9

This guide is based on the amiciFlo submersible pump instruction manual and the product listing. Electrical ratings come from the product listing because the instruction manual does not state them.

01 · OVERVIEW

Know the pump before you use it

Main parts, from the instruction manual dismantling drawing



Outlet and nozzles

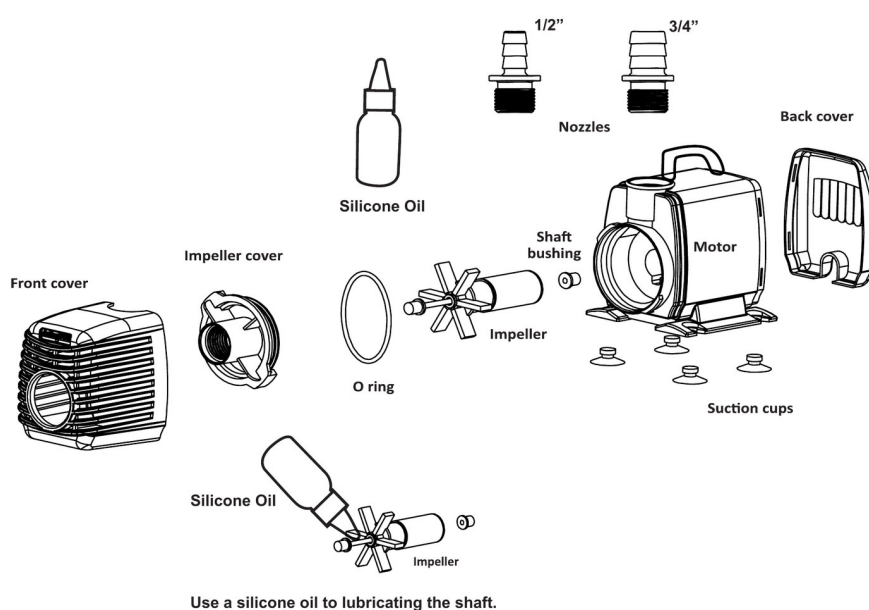
Water leaves through the outlet on top. Two push-on nozzles are supplied: **1/2"** and **3/4"**. Choose the one that fits your hose.

Intake (front cover)

Water enters through the slotted front cover. Keep it clear of debris, which reduces performance.

Base and handle

Suction cups on the base hold the pump in place. Lift the pump only by its handle, never by the power cord.



Use a silicone oil to lubricating the shaft.

Parts: front cover, impeller cover, O-ring, impeller, shaft bushing, motor body, back cover, suction cups, nozzles (instruction manual).

02 · SAFETY

Read these before use

Warnings and cautions from the instruction manual

Warning

Do **not** pump flammable liquids.

Cautions

- Always unplug the pump from the electrical outlet before handling it.
- Do not let the pump run dry.
- Do not lift the pump by the power cord.
- Do not pump heated liquids.
- Do not operate in salt water.

Electrical safety

Use a 220–240 V AC socket in good condition. We strongly recommend a socket protected by a residual current device (RCD/RCCB), as is good practice for any mains appliance used in water. Keep the plug and socket dry and out of the water. Do not use the pump if the cable is damaged.

Clean water only

The pump is for clean fresh water. It is not for sludge, dirty water or chemicals.

Children and pets

Keep the plug and cable out of reach. Unplug the pump before anyone enters the water, such as a pond or tank.

03 · INSTALLATION

Placing the pump and switching on

Keep setup simple: fully submerged, clean intake, short hose run

1 · Fit a nozzle and hose

Push the 1/2" or 3/4" nozzle onto the outlet and attach your hose. The 3/4" nozzle gives the higher flow (page 6).

2 · Place the pump

Put the pump fully under water on a firm, level surface. The suction cups hold it in place. On a dirty bottom, raise it slightly so less debris reaches the intake.

3 · Route the cable

Lead the cable out of the water without sharp bends or strain. The plug and socket must stay dry and above the water. Choose the cable length that reaches a socket without an extension in wet areas.

4 · Switch on

Plug in and switch on. Check that water flows from the hose. Never let the pump run without water.

5 · Switch off

Switch off and unplug before lifting the pump out, cleaning it or changing the nozzle.

Lift height

Maximum lift is 3.5 m: the vertical height from the water surface to the hose outlet. Flow falls as the lift increases.

04 · PERFORMANCE

Flow at different lift heights

Measured values from the instruction manual (litres per hour)



Lift height	1/2" nozzle	3/4" nozzle
0.1 m	1,000 L/h	1,500 L/h
1 m	827 L/h	1,309 L/h
1.5 m	672 L/h	1,200 L/h
2 m	580 L/h	1,125 L/h
2.5 m	503 L/h	1,090 L/h
3 m	480 L/h	1,058 L/h

The chart stops at 3 m. Maximum lift is 3.5 m (product listing), where flow is lowest. A clogged intake, long hose or narrow hose reduces flow further.

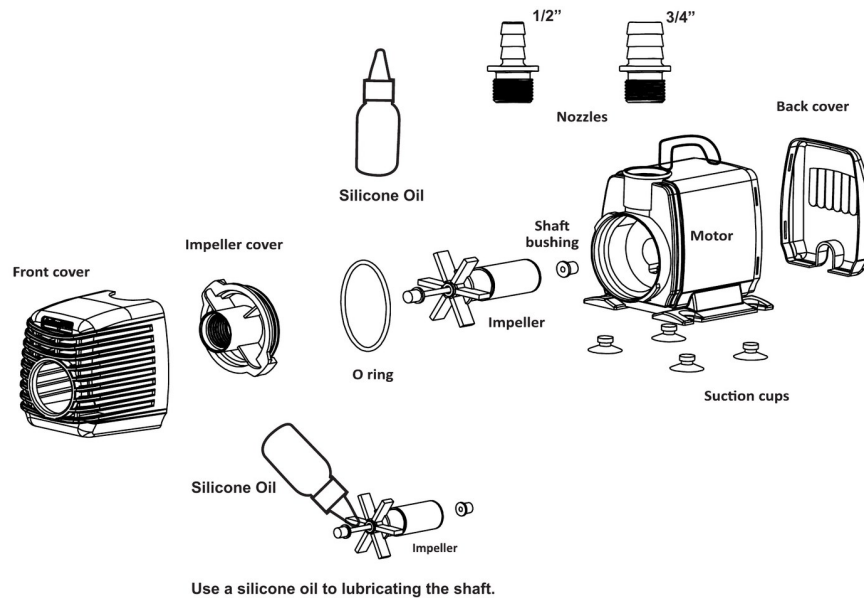
Choosing a nozzle

Use the **3/4"** nozzle and the widest suitable hose when you need the most water. Use the **1/2"** nozzle for smaller hoses, fountains and aquariums.

05 · MAINTENANCE

Cleaning the pump

From the instruction manual. Unplug the pump first.



How to clean

1. Unplug the pump and lift it out by the handle.
2. Remove the front cover and the impeller.
3. Use a small brush and a stream of water to remove debris.
4. Lubricate the shaft with silicone oil.
5. Refit the impeller, O-ring, impeller cover and front cover.

How often

Cleaning about every two weeks helps the pump last longer (instruction manual). Clean more often in ponds or dirty water.

Check the impeller

Turn the impeller by hand. It should turn freely and must not be broken or jammed.

06 · SPECIFICATIONS

Ratings and protection

Electrical ratings and lift from the product listing; flow values from the instruction manual

Parameter	Value
Supply voltage	220–240 V AC (listing)
Power	55 W (listing)
Maximum lift	3.5 m (listing)
Maximum flow	1,500 L/h with the 3/4" nozzle at 0.1 m (instruction manual chart)
Nozzles supplied	1/2" and 3/4"
Thermal protection	Stops the motor at about 75 °C and restarts it when it cools to about 45 °C (listing)
Motor winding	Copper (listing)
Cable length	2 m (1xSP-PARTS-T1-N), 5 m (-5M) or 8 m (-8M)
Liquid	Clean fresh water only; not salt water, hot liquids or flammable liquids

Thermal protection protects the motor if it overheats, for example when running dry. It is not a reason to let the pump run dry. Maximum water temperature, maximum submersion depth and IP rating are not stated in the sources, so none are given here.

07 · TROUBLESHOOTING

If the pump does not work well

Unplug the pump before handling it

What you see	Possible cause	Next step
Pump does not run	No power at the socket	Check the circuit breaker or RCD and try another socket (instruction manual).
Pump hums but no water	Intake clogged, or impeller jammed or broken	Unplug. Clean the intake, remove the front cover and turn the impeller by hand.
Low flow	Dirty intake, lift too high, narrow or long hose	Clean the intake. Use the 3/4" nozzle and a wider, shorter hose. Check the lift height (page 6).
Pump stops and later restarts	Thermal protection operating (overheating, often running dry)	Unplug. Make sure the pump is fully under water and the intake is clear.
Pump is noisy	Debris in the impeller, or dry shaft	Unplug, clean the impeller and lubricate the shaft with silicone oil.
Cable or plug damaged	Wear or strain	Stop using the pump. Do not repair the cable yourself; contact support.

Still unsure? Contact amiciKart support with a photo of the pump and a short description of the problem.

[Contact support](#)

[Product page](#)