goflow

INSTRUCTION MANUAL

GETTING **STARTED**

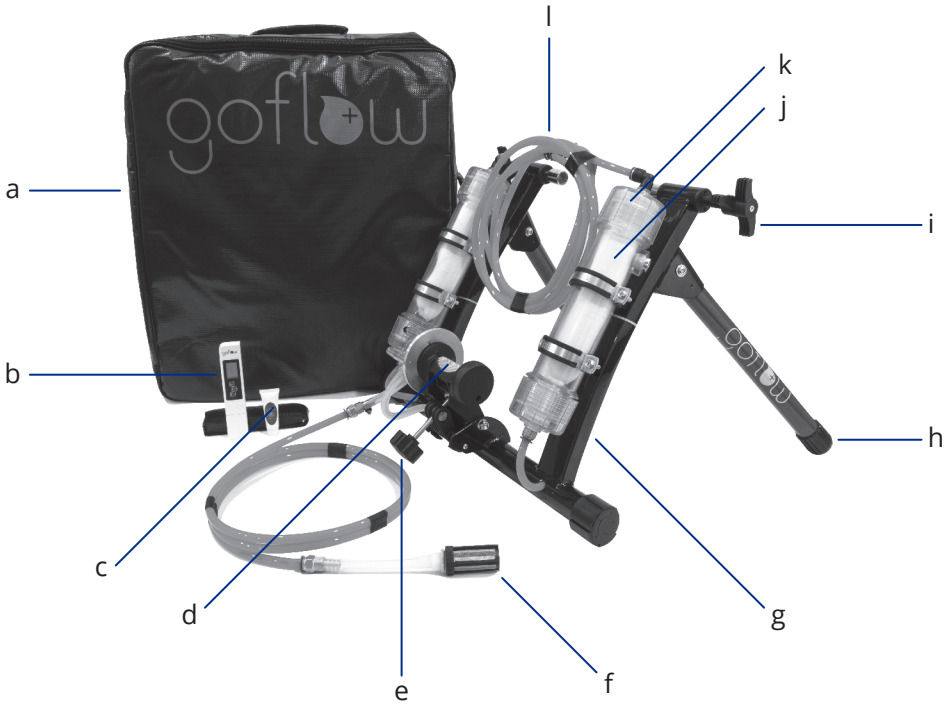
SETTING UP GOFLOW

MAINTAINING GOFLOW

SETTING UP GOFLOW

Scan here for
video instructions

A | LIST OF **CONTENTS**



a Bag
b TDS tester
c Food grade silicone grease
d Friction roller
e Pump set adjustment knob
f Pre-filter water tube set
g Rack frame
h Rack frame legs
i Wheel hub tightener
j Filter
k Filter housing
l Post-filter water tube set

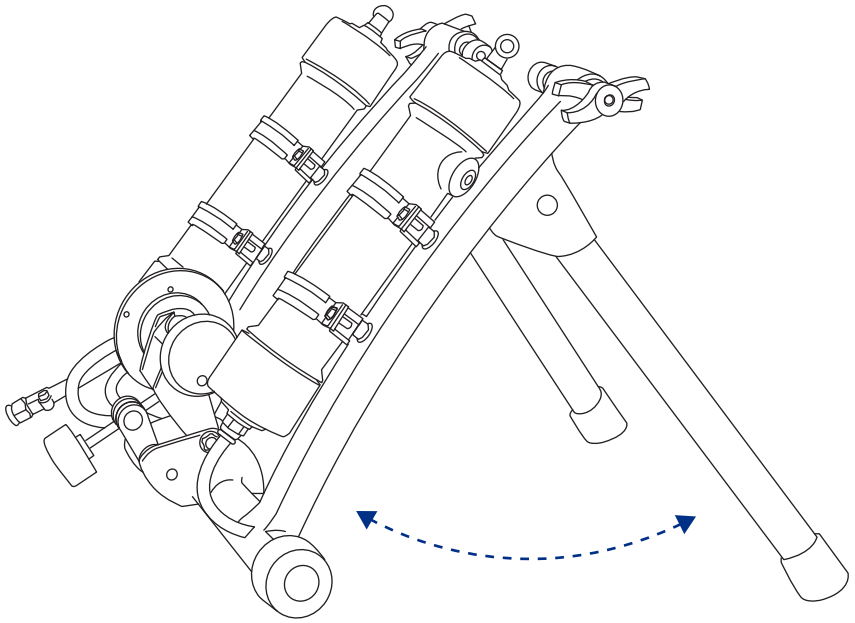
B | **DEPLOYING** GOFLOW

B.1 Identify spot to deploy GoFlow.

B.2 Open bag and unclip GoFlow from bag.

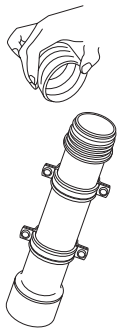
B.3 Place GoFlow on stable ground.

B.4 Ensure GoFlow rack frame legs (blue) are fully extended and locked in position.

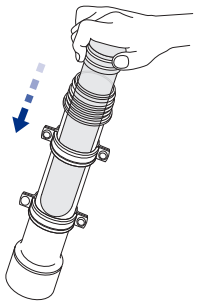


C | **INSERTING** GOFLOW FILTERS

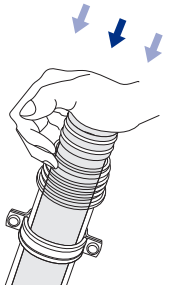
C.1 Open top cover of filter housing tube.



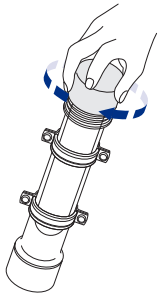
C.2 Insert GoFlow filter into filter housing.



C.3 Push filter into housing and ensure it is flushed to housing.

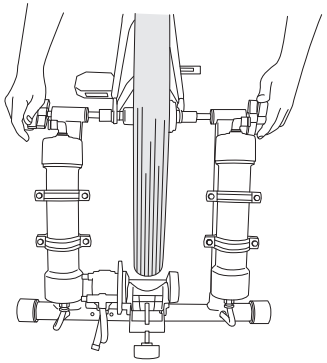


C.4 Place the silicone washer on top of the filter before closing the cover of filter housing.

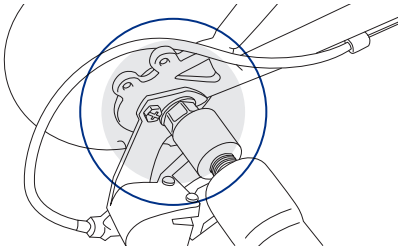


D | **MOUNTING** ON BICYCLE

D.1 After deploying GoFlow rack, place bicycle between the wheel hub tightener.



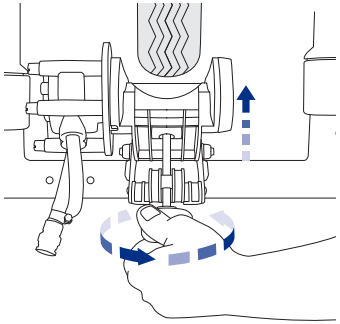
D.2 Tighten and adjust wheel hub tightener on to bicycle rear wheel hub end caps.



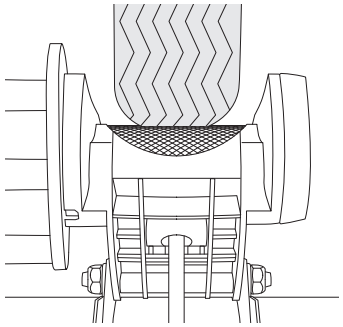
D.3 Ensure even tightening and bicycle is positioned centrally. Do not over tighten.

E | **ADJUSTING** PUMP SET

E.1 With the bicycle centrally positioned, turn the pump set adjustment knob.

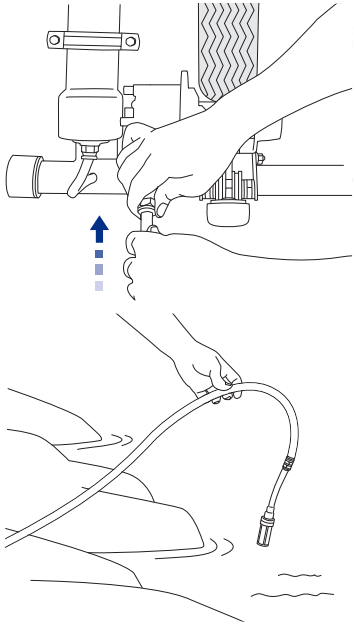


E.2 The bicycle wheel should come into firm contact with the friction roller. When bicycle wheel turns, the friction roller should turn simultaneously.

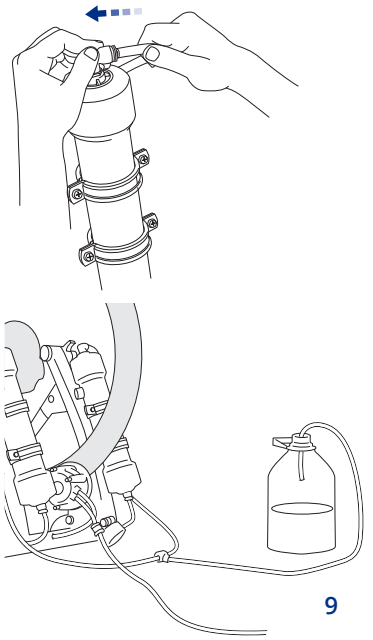


F | **CONNECTING** THE WATER TUBE

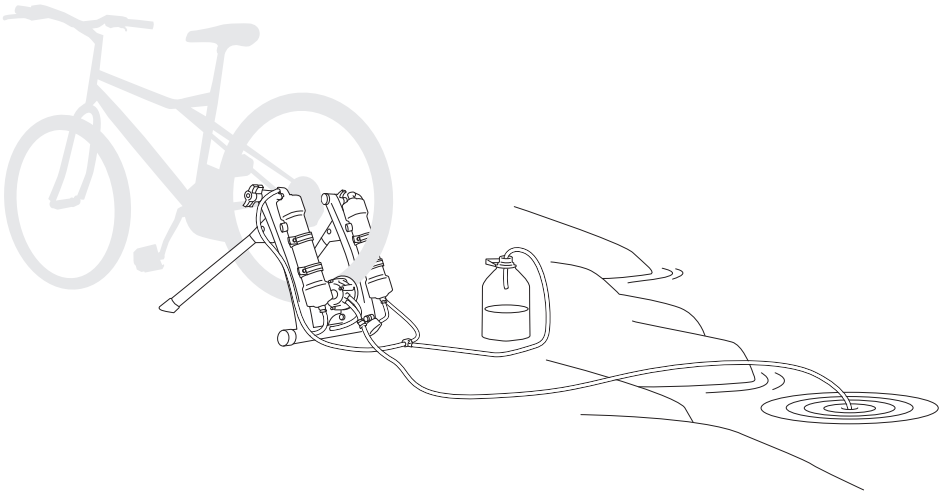
F.1 Pre-filter water tube is to be connected to pump set using the quick connect fitting. The other end is to be placed into water source.



F.2 Post-filter water tube is to be connected to the 2 filter housings using the quick connect fitting. The other end is to be inserted into a vessel to collect the filtered water.

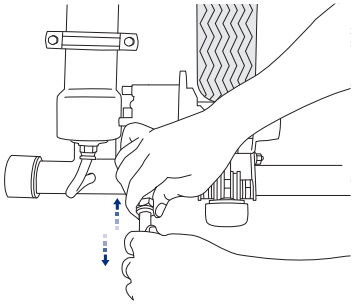


F.3 GoFlow is now ready to be used.



Note:

To remove tubes from quick connect fitting, push the purple ring towards the metal nut, then pull tube out.



MAINTAINING GOLFLOW

Scan here for video instructions

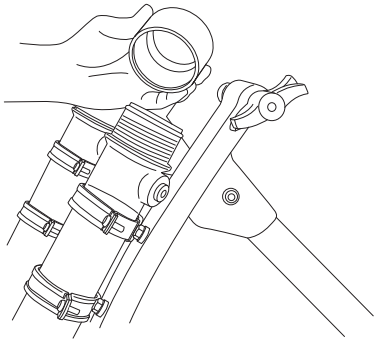
G | WASHING FILTERS

When to wash filters

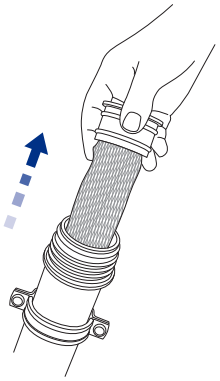
- Bicycle becomes difficult to cycle.
- Increased resistance due to filters becoming filled / choked.
- It is recommended to wash filters only once.

How to wash filters

G.1 Open top filter housing and remove silicone washer.

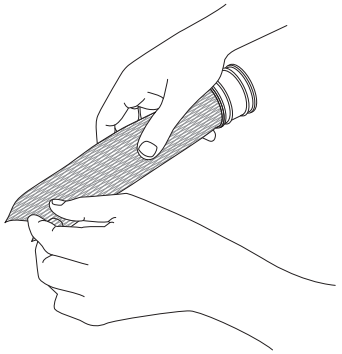


G.2 Remove GoFlow filter slowly and carefully. It might be difficult to remove due to the tight seal.

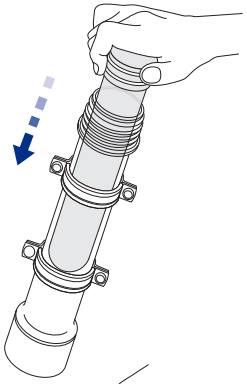


G.3 After peeling back the mesh covering the filter, wash it in a pail of clean potable water. Discard the dirtied water and wash again until the water remains clear.

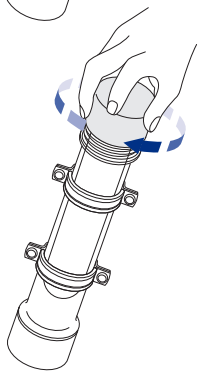
G.4 Replace the mesh over the cleaned filter.



G.5 Reinsert washed filter.



G.6 Place the silicone washer on top of the filter before closing the cover of filter housing.



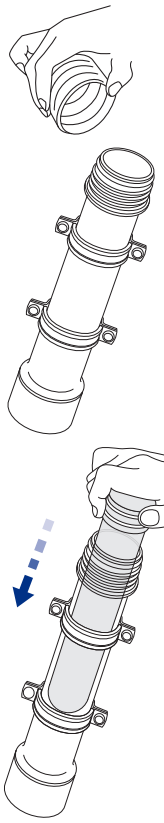
H | REPLACING FILTERS

When to replace filters

- Bicycle becomes difficult to cycle.
- Increased resistance due to filters becoming filled / choked.
- Filters are not longer as effective.

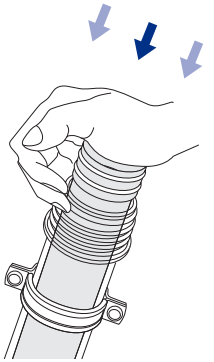
How to replace filters

H.1 Open top filter housing and remove silicone washer and used filter.

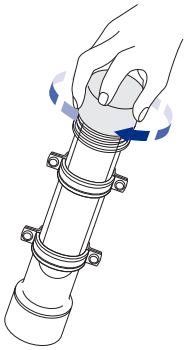


H.2 Insert the new GoFlow filter into filter housing.

H.3 Push filter into housing and ensure it is flushed to housing.



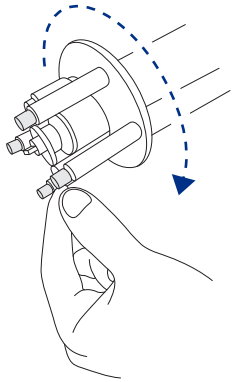
H.4 Place the silicone washer on top of the filter before closing the cover of filter housing.



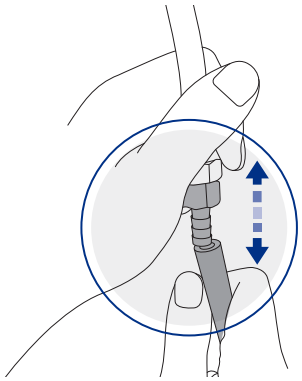
I | **PROLONGING** SILICONE TUBE (IN PUMP SET) LIFESPAN

- The silicone tube in pump set is subjected to friction and is prone to wear.
- It is recommended to prolong its lifespan by performing the following every 4 weeks or more frequently, depending on usage.

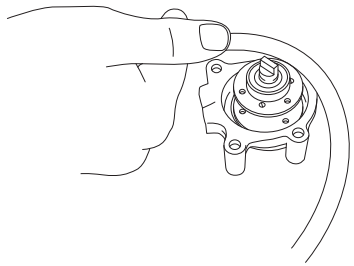
I.1 Loosen the 4 screws on pump set to remove cover.



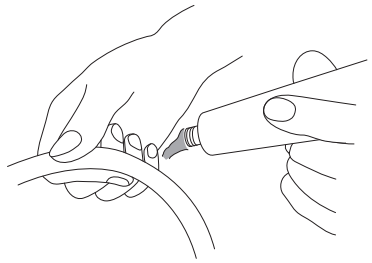
I.2 Unplug silicone tube from both ends.



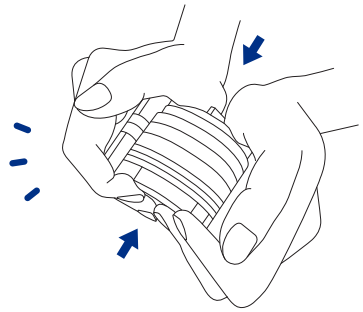
I.3 Open the pump set, remove silicone tube and flip.



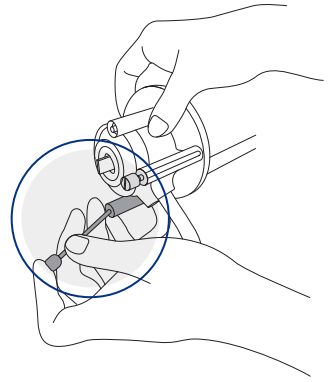
I.4 Apply silicone grease to the silicone tube and pump bearing.



I.5 After placing greased tube into position, close the pump and ensure the length is sufficient on both ends.



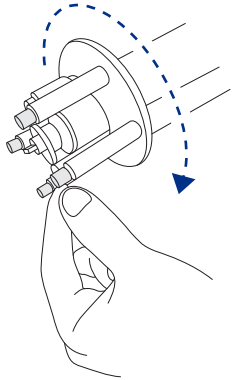
I.6 Insert quick connect to left tube. Close the pump set and tighten the 4 screws by hand. Do not over tighten.



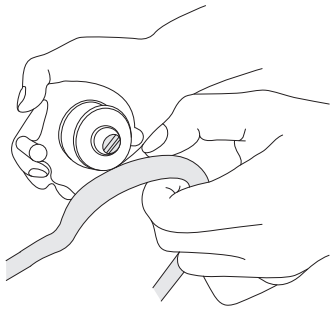
J | **REPLACING** SILICONE TUBE (IN PUMP SET)

- Consider replacing silicone tubes only after performing "9 | Prolonging Silicone Tube Lifespan".
- It is recommended to replace the tube every 6 months or when the silicone tube develops a leak.

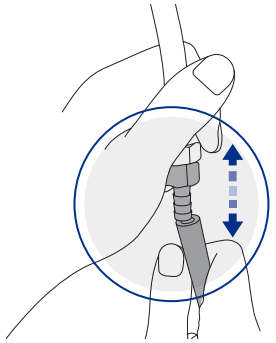
J.1 Loosen the 4 screws on pump set to remove cover.



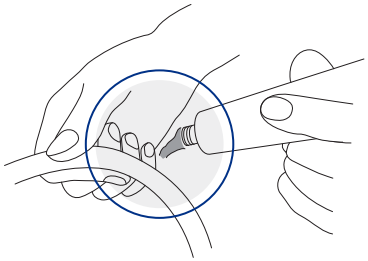
J.2 Open the pumpset and remove the old silicone tube from the pumpset.



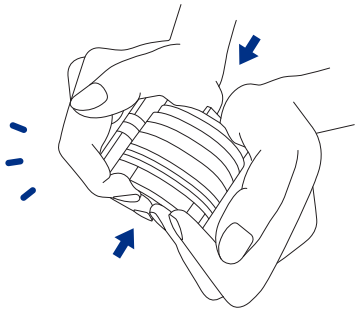
J.3 Unplug the tube from both ends.



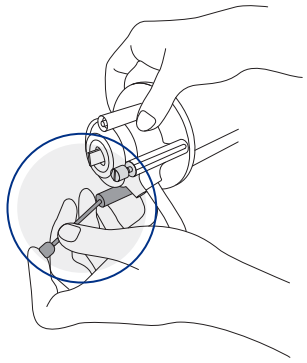
J.4 Apply silicone grease to the silicone tube and pump bearing.



J.5 After placing greased tube into position, close the pump and ensure the length is sufficient on both ends.



J.6 Insert quick connect to left tube and reattach the pump set. Close the pump set and tighten the 4 screws by hand. Do not over tighten.



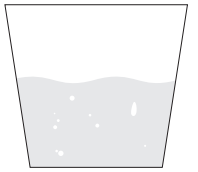
K | TOTALLY DISSOLVED SOLIDS (TDS) WATER TESTER

- It is highly recommended to have the water source tested for contaminants by a laboratory prior to performing filtration.
- This device is for conducting tests for totally dissolved solids (TDS), which does not effect water clarity.
- If TDS reading is higher than 1,500 mg/l or 1,500 ppm, please conduct further tests to check for type of minerals in the water source.

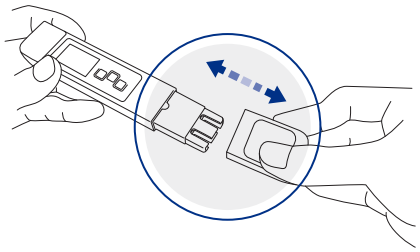
Range (mg/L)	Rating
<300	**Excellent**
300-600	Good
600-900	Fair
900-1200	Marginal
1200-1500	Poor
>1,500	Unacceptable

How to use TDS water tester

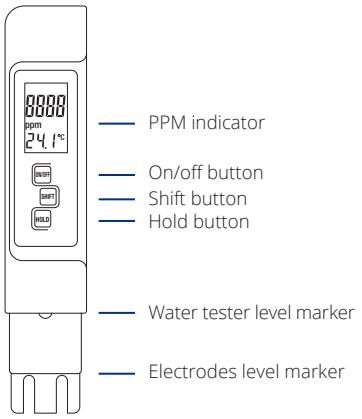
K.1 Fill a cup with about 1 inch of pre or post filtered water.



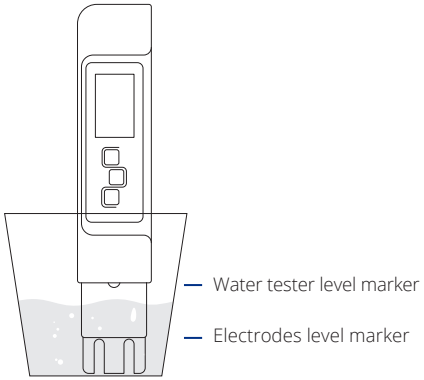
K.2 Remove protective cap of TDS water tester.



K.3 Press on/off button and ensure TDS water tester is in ppm mode. If not, please press shift button.



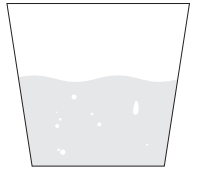
K.4 Place tester into the cup of water. The water level should be above the electrodes level line marker and below the water tester level line marker.



K.5 Once the reading is stable, press the hold button and check the reading against the table on page 20. Turn off TDS water tester and wipe dry before storing.

L CHECKING WATER QUALITY

L.1 Water quality is checked visually.



L.2 If post-filtered water clarity is not between “Very Clear” and “Slightly Clear”, please wash or replace filter.

Turbidity Level

Range (NTU)	Rating	Description
< 5	**Excellent**	**Very Clear**
510	Good	Clear
1025	Fair	Slightly Clear
2550	Marginal	Moderately Cloudy
50-100	Poor	Cloudy
100-500	Very Poor	Very Cloudy
> 1000	Unacceptable	Muddy
500-1000	Completely Unacceptable	Very Muddy

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