



Auto Water Changer INSTALLATION & USAGE GUIDE 2021

NOTE: an override switch has now been added to enable quicker mixing of the salt and emptying!

IT IS RECOMMENDED THIS IS NOT USED DURING THE ACTUAL WATER CHANGE AS IT WOULD DEFEAT THE OBJECT OF A SLOW CHANGE AND SHOULD BE IN THE UP POSITION

WHEN NOT IN USE THE INTAKE PIPE WITH THE STRAINER MUST BE KEPT ABOVE THE UPPER WATER LEVEL WITHIN THE CONTAINER OR WATER WILL SYPHON OUT . THE OUTLET IS FITTED WITH A TAP THAT CAN BE TURNED OFF, SAFETY REASONS PREVENT A TAP FITTED TO THE INTAKE PIPE!

HOW TO USE

Watch the video online “HOW IT WORKS” on the reefloat website

There are 2 parts to the use of this unit, one is for pre-mixing your salt solution and the other water changing!

AN APPROXIMATION FOR THE SALT MIX THE FOLLOWING AMOUNT OF SALT TO OBTAIN A SALINITY OF 35 ppt --- awc nano = 0.53kg

awc28 =1.19 kg – awc53= 2.25 kg – awc88 =3.74 kg - awc106 = 4.5kg

THIS MAY VARY SLIGHTLY WITH DIFFERENT BRANDS OF SALT

IT IS ADVISABLE TO CHECK USING A CALIBRATED REFRACTOMETER

PART ONE

suggested method is to add 50% reverse osmosis water to the container, add the required amount of salt and top up to the rim with RO. at this stage the outlet pipe (with the tap) placed into top of container, make sure tap is fully open, a heater can be added at this stage if considered necessary. (if at room temperature its not needed)

Plug in and display will count down from 60
when display reaches zero pump will start and mixing will take place
note: the pump cycles 60 seconds off and 60 seconds on throughout the
operation, depending on the version timing will stop after 1-4 hours

AWC nano/AWC20AWC28 = 1 HOUR

AWC53 = 2 HOURS - AWC88/106 = 4 HOURS

usually this amount of time is adequate for solution to mix adequately but
this does vary with different salt brands - check salinity correct before
starting the actual water change - NOTE: the timer override may be used for
the mixing stage if desired with no adverse effect

PART TWO

Using the unit to do the water change

*the container **MUST be filled to the brim**, this ensures a minimum of air is
within the container and will not effect water levels within the aquarium
the container is required to be airtight for the unit to operate correctly, this
will ensure the siphon starts and water is removed from the aquarium as soon
as the pump is started.

**TURN OFF the tap to help prevent water draining from the unit and
REMEMBER to turn it back on when you have the unit at the aquarium** Simply
insert the pipes into your aquarium (recommended) or sump, the inlet fitted
with the strainer **MUST be below water level** otherwise air will be sucked in
the container and you will have to start again.

plug in and 60 seconds later the sequence will start as in the mixing stage -
depending on model 1/2/4 hours later all done, pump will stop and display
shows the number "7"

The pump will have turned off and the container ready to empty. At this
point it is advisable **to turn off the tap** on the outlet pipe to prevent water
draining out when transporting, waste water can be simply tipped down
the drain or use the internal pump to empty into the sink or other suitable
waste point ensuring compliance with local waste water regulations

THE "O" RING ON THE LID HAS ALREADY BEEN TREATED WITH SILICONE LUBRICANT TO ENSURE A WATER AND AIRTIGHT SEAL, OVER A PERIOD OF USE THIS MAY NEED TO BE LUBRICATED AGAIN USING SILICONE GREASE OR VASELINE

IMPORTANT: IT HAS BEEN FOUND CERTAIN BRANDS OF SALT HAVE A HIGH CONTENT OF CALCIUM AND OTHER CONSTITUENTS THAT WILL RESULT IN A HARD DEPOSIT BUILD UP ON THE PUMP

– FOR THIS REASON THIS UNIT IS RECOMMENDED RINSED WELL AFTER USING

POINTS TO WATCH FOR !

*DO NOT ALLOW AIR TO ACCESS THE CONTAINER AFTER IT HAS STARTED THE WATER CHANGE, THIS WILL PREVENT THE SYPHON FROM OPERATING.

*ALTHOUGH THE POWER CONNECTOR HAS BEEN TREATED WITH A WATER REPELLENT IT IS RECOMMENDED IT IS DRIED OFF, IF ALLOWED TO GET WET - DAMP WILL ENCOURAGE CORROSION AND EVENTUALLY RESULT IN FAILURE (the use of WD40 or similar on the connector is advisable)

*SIGNS OF LEAKAGE AROUND THE CAP INDICATES LUBRICATION IS NEEDED
USE VASELINE OR FOOD SAFE SILICONE GREASE

ON INITIAL USE IT MAY BE FOUND WATER LEVELS ON AQUARIUM WILL DROP DUE TO CONTAINER EXPANSION AND MAY NEED A SMALL TOP UP AFTER USE, THIS WILL BE FOUND TO SETTLE DOWN AS THE AWC IS OPERATED OVER TIME - (the settling period can be speeded up by storing the AWC full of water initially)

For further tips on getting the best from your AWC

<http://reeffloat.info>

all spares available

see spares section on main website at
reeffloat.com

ATU-Pro3 auto top up

Available without container or plug and play in various sizes

Sensor mounting available for almost any aquarium

Safety features no other manufacturer has

From £99