



REEFCHANGE™ Auto Water Changer INSTALLATION & USAGE GUIDE 2018

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 1.026

awc28 =1.1 kg – awc53= 2 kg – awc88 =3 kg -awc106 = 4kg

THIS MAY VARY SLIGHTLY WITH DIFFERENT BRANDS OF SALT

IT IS ADVISABLE TO CHECK USING A 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 pre-filter is left off and 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 all operations, depending on the version timing will stop after 1-4 hours

AWCnano/AWC28 = 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

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.

fit pre-filter ensuring the large O ring on the cap and the O ring on the pipe fitting is in place - in particular note the 6 bolts securing the filter cap are secured but do not overtighten. 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

*FILTRATION MEDIA -

LOOSELY PACKED FLOSS OR SPONGE -DO NOT PACK TIGHT OR IT WILL RESULT IN LOSS OF FLOW ON THE INTAKE AND MAY RESULT IN WATER LEVEL VARIATION WITHIN THE AQUARIUM

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 Visit my google page

<https://plus.google.com/collection/A2Sjfb>

all spares available

see spares section on main website at
reefloat.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