

HYPERSALINITY and BLEACH TREATMENT TO ERADICATE Aiptasia - Reef Tank Reset

Steps	Day	Action Plan	Results/Issues/Actions
1	1	Set up Temporary Fish Holding Tank - 50 Gallon Tote - Use Display tank water	
		Remove Marine Pure 8x8x4 block from Display sump to Fish tote (Marine Pure has been in the sump for a year)	
		Add bubbler - Add Heater	
		Add tray with 2+ inches of Display Tank Arag Alive Reef Sand (for Bio Filter and Wrasse)	
		Add 1 circulating pump + Add 1 circulating pump with Foam Filter	
		Remove 9 Fish to a Tote - 50 Gallons 34 in Long	
2	1	Fill 25 Gallon QT hang on back filter and 13 Gallon EVO Tank with Display Tank Water	
		EVO has Reef Ready lights and Fluval Skimmer The 25 gallon QT tank has white lights only and 1 fish - so there is some Bio Filter Currently Buying a full spectrum LED for 25 gallon QT tank about \$75	
		Add tray with 1 or 2 inches of Display Tank Arag Alive Reef Sand (for Bio Filter) in both 25 gallon QT and 13 gallon EVO to kick off Bio Filters	
		Move all Corals -- Soft Corals to 25 Gal - LPS to 13 Gal EVO	
3	2	Turn Off all the Pumps in Display Tanks	
4	2	Remove all Reef Rock to a tote and treat with Bleach	
		Treat/Marinate Rock in Bleach for 2 or 3 Days	
5	2	Remove All Remaining Sand from Display Tank	
		Fill Display Tank and Sump w/140 Gallons of Tap Water	
		Add 80 +/- Lbs. of Reef Crystal Salt to bring Salinity to 77 ppt or 1.060 sg	
		High Salinity <u>will/should</u> kill off any Aiptasia in the Overflow Box and pipes and sump	
		Turn on Pumps and Run High Salinity Display for 2 or 3 Days	
6	Daily	Monitor Corals in Quarantine with attached rock or frag plug for Aiptasia Treat rock/frag plugs with w/ F Aiptasia if any aiptasia are seen	
7	5	Rinse Treated Rock with Tap Water 2 or 3 times	
		Let Treated Rock Dry in Sun for 2 or 3 Days	
8	5 or 6	Drain High Salinity Water from Tank/sump and clean Display/Sump with TAP Water --- do it a couple of times	
		Clean Display/Sump 2 or 3 time with Tap Water and Prime	
		Fourth and Final Time Clean Display/Sump with RO/DI water	

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9	7	Rinse Dry Rock, from step 7, in RO/DI water with Dechlorinate (Prime) 2x times to be safe	
10	7 and 8	Let Everything dry while I make 140 gallons of RO/DI and Salt	
11	8 and 9	Add 6 (20 Lbs.) bags of Arag Alive Reef Sand to Display Put Treated Rock Back in Display Begin Filling tank with Salt Water	
		Since using Reef Crystal Salt for high salinity any residual will not hurt - will monitor SG carefully before adding back fish and corals	
12	10	Remove Marine Pure 8x8x4 block from 50 Gallon Tote and Wrap in 3 or 4 layers of Cheese cloth before putting it back in Display Tank Sump. This will help with Bio Filter and Prevent any Aiptasia from re-populating the Reef Tank	
13	10	Add Micro Bacteria (Dr Tim's) to kick off Bio Filter in Display Tank Run Display Tank for a day	
14	11	Move Fish back into Display Tanks	
15	12	Move Corals Back to Display tank Option - do not move the corals for a week to monitor for aiptasia	
16	13 Forward	Prepare to battle Cyano and Dino once again Quarantine all my corals to make sure there are no Aiptasia hiding on the frags	