

142 gallon - Mixed-Reef Tank

Equipment/Livestock	Description	Qty	Notes
<u>Aquarium/Stand/Sump</u>			
Tank/Stand	142 Gallon Custom Aquariums tank w/stand (72" x 24" x 19")		Ultra Clear front+tempered bottom+back enamel+drilled+pad
Overflow	Synergy Reef Shadow overflow		
Sump	Trigger Systems 39" Emerald Sump		
Lids	Octoaquatics custom lids		
<u>Circulation equipment</u>			
Return Pump	Sicce Synchra Silent 5.0 1321 gph	2	Run (1) pump, keep (1) as spare.
Powerheads	Gyre XF 250, w/controller	3 / 2	Run (2) pumps, keep (1) as spare / run (1) controller, keep (1) as spare.
<u>ATO tank and equipment</u>			
ATO System	Reef Angel pressure-based ATO	1	includes spare parts
ATO Pump	Spectrapure Liter Meter	2	Run (1) pump, keep (1) as spare.
ATO Reservoir	Basic reservoir w/ floatswitch for autotcut-off when filling	1	Float switch plummed/set to hold 9 gallons of RO.
<u>Protein Skimmer</u>			
Protein Skimmer	Lifereef SVS2-24	1	
Pump	MagDrive 12	1	
<u>Lighting</u>			
LED/T5 Hybrid	ATI Powermodule Wifi 60" - (6 bulb)	1	(4) LED clusters/(6) T5 bulbs
LED/T5 Hybrid	Nanobox Reef LED/T5 retro 60" w/Bluefish controller	1	LED/T5 ATI 5' retro - (8) LED clusters and (4) T5 bulbs Note: some LEDs are not working.
Refugium light	Home Depot spotlight fixture with LED bulb		
<u>Controller</u>			
Controller	Reef Angel Star	2	(1) in service and (1) spare.
Controller	Reef Angel Plus	1	Original controller before purchasing Star.
Relay Expansion Box (AC)	8 outlets/relays in an Expansion box	2	16 AC relays/outlets total
Power Control Expansion Box (DC)	8 DC relays	1	8 DC relays
Multi-Channel Water Level Expansion	Used for ATO*	1*	*Used for ATO but can also control water level in (3) more tanks/containers
PH Expansion	Additional pH connection*.	1*	*Star Controller comes with (1) pH connection I use for tank. Expansion provides 2nd connection I use for Ca reactor.
Expansion Hub	Allows for connection of additional Expansions		
<u>Ca/alk Management</u>			
Calcium Reactor	Avast Seabones Calcium Reactor	1	Includes stock Sicce recirc. pump and feed pump.
CO2 Doser for reactor	Carbondoser	2	(1) in service and (1) spare.
CO2 Bottle for reactor	5 lb CO2 bottle	2	(1) in service and (1) spare.
Reborn media	Originally 44 lb box, probably 35 or so lbs left		
Kalk Stirrer	Avast Kalk Stirrer K1	1	
Kalk Stirrer doser	Spectrapure Liter Meter	1	
<u>UV Sterilizer</u>			
UV Sterilizer	Pentair Smart UV 40-Watt	1	
Pump	Sicce Syncra Silent 1.5 Pump	2	(1) in service and (1) spare.
<u>Heaters</u>			
Heaters	300 watt Finnex w/ Analog Controller	3	(2) in service and (1) spare.
<u>Rock and Substrate</u>			
Rock	Pukani Rock		
Sand	Special Grade Aragonite		
<u>Water Station</u>			

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Reverse Osmosis System	BRS 4 Stage Value Plus 75GPD RO/DI System	1	Lots of plumbing/water supplies, measuring cups/syringes, fish and coral food, and <u>LOTS of extra stuff</u> .
Salt mixing tank	40 gallon Ace Roto-Mold NSF Certified storage tank w/ float switch	1	
Mixing pumps	Mixing pumps	2	
Heater	Eheim heater	1	
<u>Miscellaneous hardware/supplies</u>			
Quarantine tanks	17 gal clear Rubbermaid totes w/ heater, sponge filter, powerhead	2 totes	
Fish feeder	Eheim Every Day fish feeder	1	
Refractometer	BRS refractometer	1	
PH checker	Hanna PH checker	1	
Alk checker	Hanna Alk checker	1	
Phosphate checker	Hanna Phosphate checker	1	
Test kits	Multiple test kits - Nitrate, Phosphate, Ca, Mg, etc.		
Other Misc.	Other Misc.		
<u>Livestock</u>			
Fish	Lineatus Fairy wrasse, Exquisite Fairy wrasse, H. Melanurus wrasse, Kole tang, Bluethroat Trigger (male), Longnose hawk, Royal Gramma, Lantern Bass, Starry Blenny, Tomato Clowns (breeding pair), Azure Damsels (breeding pair).		
Corals	Acans, Acros, Alevepora, Anthelia, Blastos, Blue Sympodium, Brains, Duncans, Gorgonians, Hammers, Mushrooms, Other SPS (Montipora, Seriatopora, Stylophora, etc.), Palys/Zoas.		
Other Inverts.	Bubble-tip anemones, Mini-Maxi anemone, Rock Flower anemone, Clean-up crew (hermits, snails, serpent stars, etc.).		