

Item:	Brand / Model	Comments
<b>General</b>		
Tank	Aqueon 120G	72" w x 18" x 22" h. Back painted w/ Black <u>Plastidip</u> . Rim modified to accept glass Lily Pipes
Filter #1	Fluval FX6	Works as expected. Output hose split in 2: half to inline heater & half to custom full-length <u>spraybar</u>
Filter #2	Oase Biomaster Thermo 850	Filter works as expected, but heater does not work. Replacement is available from mfr
Heater #1	CorisRX 500W Inline Heater	Works as expected. Could probably use a <u>backflush</u>
Lights	Chihiros RGB II	x3. Lights work as expected, and are enough for the most demanding plants at full depth
<b>Tank contents</b>		
Substrate #1	UNS <u>Controsoil</u> Brown	70L. Fine Grain. Fully Cycled. Most is currently in tank, but 1 bag is unused
Substrate #2	<u>Buceplant</u> Natural Sand	Fine Grain. Most has been cycled / washed. Some is unused
Substrate #3	Lava Rock in mesh bags	A shit load. Used under substrate for elevation. Excellent biological filter
Hardscape #1	<u>Manzanita</u>	2x XXXL <u>Manzanita</u> Branches & Several smaller ones. The XXXL branches are EXTREMELY rare and \$\$\$\$\$
Hardscape #2	Red Petrified Wood	<u>Hardscape</u> Stone
<b>CO2 Related</b>		
CO2 tanks		2x 10b & 1 x 5lb. All are currently empty
Regulator		Custom Build. In working order
Needle Valve		<u>Swagelok</u> . Very fine adjustment
Flow Meter		Much easier to adjust CO2. In a tank this size, bubble counters are useless
Ph Meter	Hanna Instruments Edge Blu	Bluetooth <u>Ph</u> monitor w/ 3d printed holder. Can view <u>ph</u> in real time, as well as chart changes and download to excel. Might need to replace probe. It's been dried out for a while
CO2 Reactor		Custom build 3 stage <u>Ceres</u> reactor. Plumbed inline on the <u>Oase</u> filter. This CO2 reactor can dissolve enough CO2 for a tank 3x this size
<b>Water Related</b>		
RO tank		75G natural tank w/ lid
RO Filter	Bulk Reef Supply 75 GPD 4-stage	In working order. RODI
RO Controller	Smart Buddy booster pump	In working order. Works as a booster pump, automatic <u>backflush</u> , and automatic shutoff
Dosing pump	<u>Jebao</u> 4 channel auto <u>doser</u>	Works as expected, though pump heads need to be calibrated and possible replaced (cheap). No need for manual <u>fert</u> dosing
Dosing pump reservoir		3 container reservoir. Connects directly to dosing pump
Return pump		custom build return pump / circulation pump
<b>Misc</b>		
General		Glass Lily pipe outlet, glass Lily pipe inlet w/ surface skimmer (bottom broken). Filters are full of well cycled media.
Water Related		Dry fertilizers (KNO3, KH2PO4, K2SO4, Calcium & Magnesium for <u>remineralization</u> ). Dozens of PVC fittings. RO tubing. RO Filter cartridges