

## Aquarium of Randy Donowitz

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My 2½ year old, 75 gallon system is designed without a sump and is primarily dedicated to SPS corals and clams. Nearly all of the animals are captive propagated. Those that are not are coral colonies that have been in captivity well in excess of five years.

#### Filtration

This is a modified Berlin system that relies on roughly 50 pounds of Indo-Pacific live rock and a 2-inch layer of live sand for biological filtration. Skimming is provided by an Aqua-C Remora Pro hang on the tank unit. I also use a Magnum HOT canister filter filled with ESV carbon.

#### Circulation

The main circulation pump is a Rio 1700, which provides adequate surface agitation throughout the system. There are also two Maxi Jet 1200 powerheads connected to a Lifereef wave maker that provides random current across the face of the reef.

#### Lighting

The lighting system is a homemade oak hood with two 250 watt Iwasaki metal halide bulbs and two 110 watt VHO actinic fluorescent tubes from URI. Icecap electronic ballasts power all of the lamps. The hood is cooled by two Icecap variable speed fans. The photoperiod is approximately 12 hours.

#### Additives

Calcium and alkalinity are maintained by daily 40 milliliter additions of ESV B-ionic. Iodine and strontium are added on occasion. Make-up water is filtered through an Aqua FX Barracuda RO/DI system, and Instant Ocean Sea Salt is used for water changes, which are sporadically carried out. Organisms are fed heavily with a variety of foods including OSI Marine flake, frozen Mysis and Brine Shrimp, Ocean Nutrition Formula One and Two, Cryo-preserved Phytoplankton and Golden Pearls.

#### Inhabitants

##### Corals

There are more than 25 coral colonies, nearly all of which are captive propagated. They include *Acropora pulchra*, *A. formosa*, *A. millepora* and several unidentified *Acropora* species. There are also several *Montipora* species including *M. capricornis*, *M. digitata*, *M. spumosa*, *M. confusa* and a few unidentified *Montipora*. Other coral residents include *Echinopora lamellosa*, *Echinopora* sp., *Pocillopora damicornis*, *Blastomussa merleti*, *Hydnophora exesa*, *Turbinaria reniformis*, *T. petalta*, *Oxypora* sp., *Pavona decussata*, *Psammacora contigua*, *Euphyllia parancora*, *Caulastrea curvata*, *Duncanopsammia axifuga* and several *Favid* species. There is also a colony of *Plexaurella* species gorgonian.

##### Fish

The fish population is composed of five green chromis (*Chromis viridis*), one yellow tang (*Zebrasoma flavescens*), one royal gramma (*Gramma loreto*), one swissguard basslet (*Liopropoma rubre*), one oscellaris clownfish (*Amphiprion oscellaris*) and one flame hawkfish (*Neocirrhites armatus*).

##### Clams

There are five Tridacnid clams — two *Crocea*, two *Maxima* and one *Squamosa*.

##### Other Invertebrates

One coral banded shrimp (*Stenopus hispidus*), one brittle star (*Ophioderma* sp.) and numerous hermit crabs, *Astrea* and Turbo snails