

In this issue:

- Holiday Gifts Ideas
- Koller Products Aquarium Selections
- Smart Tank
- Best Fish for Beginners
- Set Up (Cycling) Process

Welcome to Koller Products Newsletter!

Well, the holidays are rapidly approaching and hopefully you have had time to come up with gift ideas for your family and friends. As you probably already know, an aquarium always makes a wonderful gift that can provide many hours of enjoyment.

People of all ages enjoy viewing aquariums, watching fish glide gracefully through the water. Aside from the belief that an aquarium is beautiful, many also feel that owning an aquarium can be relaxing, rewarding and a great conversation piece all at the same time. In our hectic daily lives filled with work, family activities, financial challenges and overall stress, it is important for all of us to have ways of relieving this stress. Owning an aquarium is not only decorative but it has been proven to provide therapeutic benefits, while increasing your overall health and well-being. Yes, watching an aquarium can significantly reduce your stress levels, just imagine watching beautiful tropical fish swim gently back and forth, all the time reducing your body's reaction to stress while inducing calmness and enhancing positive feelings.

Give your loved one the perfect gift that continues to give year round.



1.5-Gallon Aquarium—Family Enjoyment

Koller Products - Wide Selection of Aquariums



Aquariums from 1-Gallon to 7-Gallons

Whether you are a beginner or just adding another aquarium to your home, office or dorm, owning an aquarium is an excellent way to bring the aquatic world into your life. Decorate your aquarium to your taste, adding beauty to your bedroom or other locations. A desktop aquarium's compact footprint makes it a perfect addition for that empty room and with the advances in LED lighting and multi-stage filtration, maintaining a tropical fish aquarium is easier than ever.

Smart Tank Connected Aquarium Kits

Take control of your aquarium anywhere in the contiguous USA with your Android or iOS smart device, all you need is a WiFi connection. Functions include light color selections, temperature monitoring, maintenance and supplies reminders.

Schedule Your Own Custom Light Schemes. Create your own customized light color depending on your mood or time of day.

Peace of Mind. Track your aquarium's water temperature and receive notifications if the tank's temperature goes above or below designated temperatures.



7-Gallon Smart Tank



Best Tropical Fish for Beginners

Here are some of the best aquarium fish for a freshwater tank if you are a beginner. While this list doesn't cover all of the tropical fish, these are the hardest and easiest ones to keep.

The first qualification to be a good beginner's fish is that it must be very resilient. These fish must be able to handle less-than-perfect living conditions, infrequent water changes, a little overfeeding, sometimes a lack of feeding, and overcrowding.

It is a fact that people starting out in the aquatic hobby may not always provide their fish with ideal living conditions. Fish recommended for beginners and new aquariums must be hardy and able to handle sometimes poor water quality and stressful living conditions.

1. Guppies
2. Mollies
3. Danios
4. Swordtails
5. Platies
6. White Clouds
7. Cherry Barbs
8. Kuhli Loach
9. Corydoras Catfish
10. Betta Fish



Betta Fish - Ideal First Fish When Starting a New Aquarium

New Aquarium Set Up (Cycling) Process

Beneficial bacteria live in the gravel, on the aquarium plants and decorations. These good nitrifying bacteria break down fish waste and uneaten fish food. The decomposition of fish waste and uneaten food by the bacteria results in the production of ammonia. This process is called mineralization.

Nitrification is the biological conversion of Ammonia (NH₃) to Nitrite (NO₂) or Nitrite (NO₂) to Nitrate (NO₃). In a new set-up, the conditioning period (nitrification) normally takes five to six weeks. This period can be shortened or lengthened depending on the temperature of the water. The bacteria that convert ammonia to nitrite usually take 14 days to reach a sufficient population. The bacteria, that convert nitrite to nitrate, usually take 21 days to reach sufficient population. Nitrate is the end product of the nitrification cycle; in an aquarium system without live plants to utilize the nitrate, the nitrate will continue to increase.

By performing partial water changes (vacuuming the substrate with gravel cleaner), the nitrate load can be lowered, and as detritus is removed from the substrate, waste build-up is reduced. New aquariums can be seeded with conditioned substrate or conditioned filter media from an existing aquarium that has nitrifying bacteria already present. This method can



5-Gallon Aquarium, Ideal for a Variety of Tropical Fish

reduce the length of time required to achieve sufficient bacteria colonies to perform nitrification. There are products on the market that contain live nitrifying bacteria that will greatly reduce the conditioning period.

Owning an Aquarium can be Relaxing - Rewarding - and a Great Conversation Piece

Need help? Call our Koller Products support team at 1-800-545-1344

We respect your right to privacy - [view our policy](#)