

Main Accessories

- Complete line of breeding accessories
- Tanks and accessories available in Polysulfone
- Baffle for all life stages
- Artemia Hatchery
- Tank Dividers
- Autoclavable Nets in various colors for husbandry management

Connect With Us



ENVIRONMENTAL SUSTAINABILITY: MINIMIZE IMPACT MAXIMIZING VALUE
What Tecniplast did to become leader in sustainability:

Company:

- Quality Management System Certification according to ISO 9001 and Environmental Management System Certification according to ISO 14001.
- Certified Environmental Report according to Eni Foundation Enrico Mattei Guidelines.

Products:

- Life Cycle Assessment (LCA) according to ISO 14040 and ISO 14044.
- Carbon Footprint according to PAS 2050.
- Environmental Data Sheet according to ISO 14025.
- Contribution to credits under the LEED rating system.



Related Products

For information please contact
info@tecniplastusa.com



Tritone
The only automatic feeding system for aquatics



650A Series Cabinet Washer
Eliminates algae and biofilm
Patented process



Xenoplus
Benchtop or multi-linking housing system for *Xenopus* spp.



- Clean tank technology
- Successfully tested
- Robust, Flexible, and Easy to Use



*ZebTEC Stand-Alone
“Active Blue” Technology*

- Maintenance free system
- No need for stocking consumables
 - Greatly reduced running costs
 - Labor savings
- Improved fish welfare and research quality



1. What is “Active Blue” Technology

TECNIPLAST Active Blue technology provides UNMATCHED FILTRATION AT RACK LEVEL; the finest filtration available in the market.

- Every ZebTec Stand Alone is equipped with an innovative self-cleaning drum filter at rack level.
- It utilizes a 26 or 40 micron filtration screen.
- Automated filter backwashing saves time and improves water quality.

2. How does it work?

ZebTec Active Blue uses a unique self-cleaning drum filter to obtain a 40 micron or even 26 micron fine mechanical filtration. This eliminates the need of pre-filters and fine mechanical filters.

When the drum filter's screen gets dirty, the system automatically back-flushes it, removing trapped suspended solids. The back flushing water is counted as replacement water, reducing overall water consumption.

3. Benefits of Self-cleaning Mechanical Filtration

- Saves time and money
 - Eliminates manual maintenance
 - No need for standard filters (consumables)
- Optimal animal welfare
 - Less disruption of the animals due to reduced maintenance
 - Consistent high water quality
- Positive impact on studies

4. Main Advantages

- **Water quality without the need of stocking consumables.** The self-cleaning fine mechanical filtration using 40 or 26 micron filters eliminates the need of pre-filters and labor costs associated with standard routine maintenance.

- **Water disinfection** is achieved through highest UV disinfection with a killing rate of 180.000 µW/cm²/sec at end of bulb life.

- **Biofiltration** using Biochip, an innovative biofilter material that cleans itself and provides the optimal ratio between space and nitrifying surface available. The continuous movement and circular shape prevent the disks from biofilm build up. Chemical filtration is available as an option.

- **Advanced Monitoring System**

- Intuitive, user-friendly HMI provides great visibility and control.
- A USB port is available to download graphics and data into a memory stick when needed.
- The web-based system provides remote access and can be set up to send alarms via text message or e-mail.

- **Quality, durability and Flexibility**

The ZebTec Active Blue Stand Alone was designed with quality, durability, and flexibility in mind. Injection molded sumps and coated 316L stainless steel racks are just some of the important features that guarantee quality and durability in an aquatic lab environment.

The ZebTec Active Blue Stand Alone comes in configurations of 4, 5, 6 or 7 levels and can hold 1.1, 3.5, or 8.0 liter tanks on the same rack. As with the original design, 3.5 and 8.0 liter tanks are completely interchangeable.

Tank dividers are also available to greatly expand housing options.

5. Top Features

- **Tank Position Guides**

The ZebTec Active Blue Stand Alone system, the tanks are positioned on dedicated tank position guides, allowing for quick access and proper positioning. Additionally, the tank guides provide environmental enrichment.

- **Water Level Control**

Each tank features a “push-and-pull” valve allowing fine tune flow control. Each valve has a visual indicator that allows the operator to see at a glance flow status. In addition, a pressure equalizer guarantees consistent water flow in each tank.

- **Clean Tank Technology**

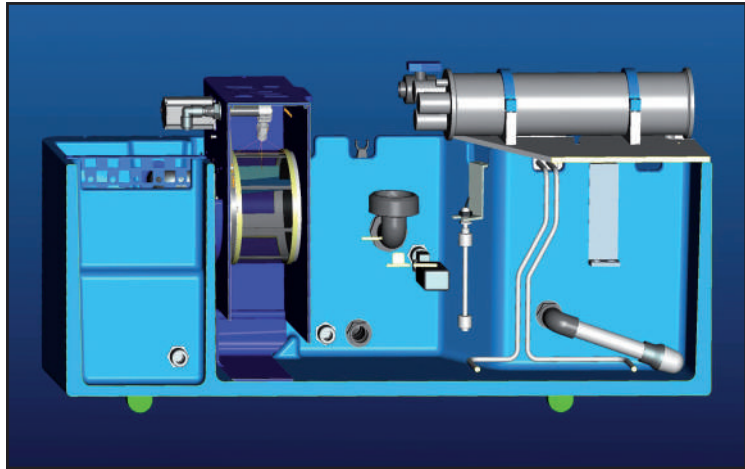
Unlike other systems, Tecniplast tanks utilize an innovative patented active siphon system, which combined with the unique tank shape and color helps to significantly reduce required of maintenance.



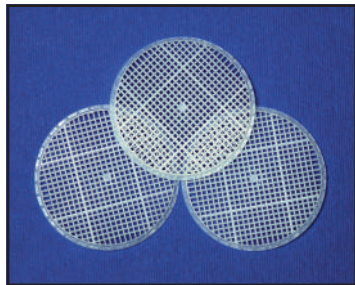
AQUATIC SOLUTIONS

ZebTEC Stand-Alone “Active Blue” Technology

What is “Active Blue” Technology



Biofiltration



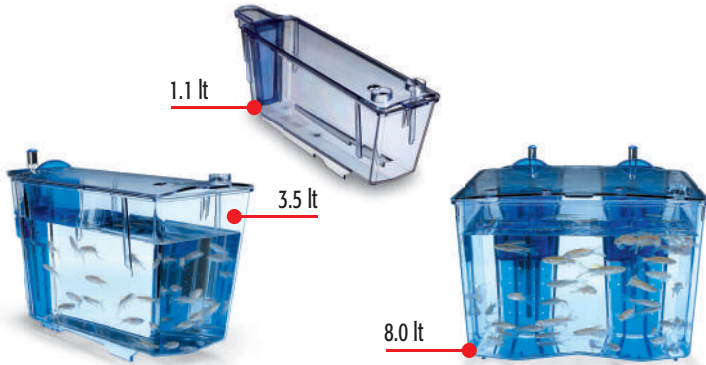
Monitoring System



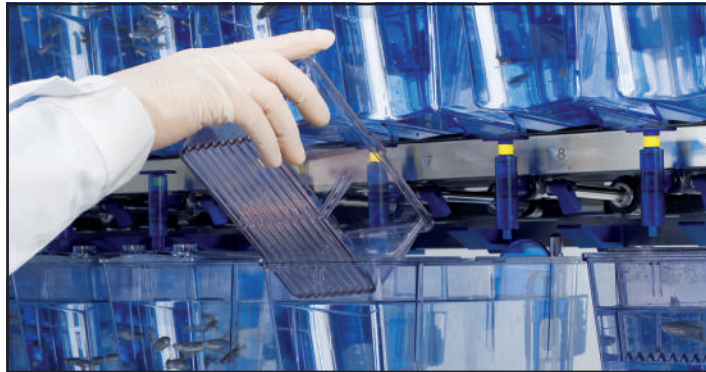
Robustness



Flexibility



Easy Tank Handling



TECHNICAL SHEET

ZebTEC Stand-Alone rack (4 rows)

63.78 in x 22.24 in x 70.87 in / 1620 x 565 x 1800 mm

ZebTEC Stand-Alone rack (4+1 rows)

63.78 in x 22.24 in x 78.74 in / 1620 x 565 x 2000 mm

ZebTEC Stand-Alone rack (5 rows)

3.78 in x 22.24 in x 81.10 in / 1620 x 565 x 2060 mm

ZebTEC Stand-Alone rack (5+1 rows)

63.78 in x 22.24 in x 88.58 in / 1620 x 565 x 2250 mm

ZebTEC Stand-Alone rack (6 rows)

63.78 in x 22.24 in x 92.52 in / 1620 x 565 x 2350 mm

Unique Technical Features



Clean Tank Technology

