

# AQUATIC ANIMAL HEALTH IS OUR PRIORITY

## FEATURES



24-month warranty from delivery/installation

- » Available in five and six shelf configurations. Smaller two and three shelf systems are also available
- » Available in stand-alone, flow-through, and multi-rack configurations with a centralized life support system
- » Powder coated aluminum or stainless steel rack options
- » FDA approved 1.5, 3, and 10-liter polycarbonate tanks. Available with adult or larval baffles. Three-piece tank assembly (tank, lid, baffle) are easy to clean with no recesses and complicated parts. Adult baffle and tank form provide self-cleaning flow design for removal of settleable solids. 10-liter tanks fit only on the bottom two levels of any rack. Available 1 and 2 liter breeder tanks fit inside 3 and 10-liter tanks for “on-system” crosses
- » Tanks are positioned on a solid shelf and drain into a rear drainage trough. Solid shelf provides improved biosecurity and reduced tank algal growth
- » Five stage filtration system
  - Mechanical pre-filter
  - Zero maintenance, oversized moving bed biofilter
  - Large capacity 12 ft<sup>2</sup> 50-micron cartridge filter (3-4-week exchange)
  - Large capacity 3 lbs. activated carbon filter (3-4-week exchange)
  - UV disinfection rate of 110 mJ/cm<sup>2</sup> at 12-month end of lamp life. UV mounted on side of rack for easy access
  - Iwaki MD series magnetic drive pump - quiet, virtually vibration-free, produces minimal heat
  - All components are supported by the rack above the laboratory floor for ease of cleaning
- » Filtration and UV bypass so system can be serviced while running
- » Walchem’s W600 life support controller with pH, conductivity, temperature probes in flow cell. Walchem probes are industrial grade and only require calibration every three months. System includes level sensor and flow sensor for safety and shut-down of electrical components in the event of a low water or low flow situation. Option for dissolved oxygen or total dissolved gas probes.
- » Monitor or control your system locally or remotely (via any internet ready device)
- » Chart and graph water quality parameters over time
- » Life support controller sends email or SMS text alerts when parameters are out of range
- » pH and conductivity dosing system with precision Iwaki metering pumps and large capacity dosing solution reservoirs (3-4 week refill).
- » Option for 7” color touchscreen with control of all parameters on one easy-to-use screen
- » Programmable automatic water exchange
- » System plumbing is designed with unions in strategic locations so the entire system can be disassembled for cleaning
- » Stainless steel heater standard for 5C heat-up. (Titanium heater option available for marine applications) Chiller option
- » Systems are designed to support up to 10 adult zebrafish per liter

## WALCHEM

IWAKI America Inc.

Walchem, Iwaki America Inc. is a leading manufacturer of on-line analytical instruments and electronic metering pumps. Walchem provides innovative solutions by integrating sensors, fluid handling and extensive remote data communications technologies.

The W600 series life support controller provides reliable, flexible and powerful control for your aquatic system.

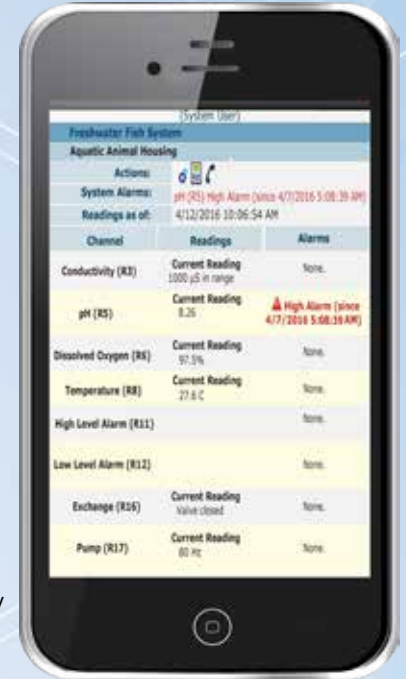
## CONTROLLER BENEFITS

### REMOTE CHECK AND CHANGE

- » Walchem controllers have communications capabilities that allow you to monitor and change your system parameters anytime from ANYWHERE in the world with just a web browser.

### ON-LINE MULTIPLE ACCOUNT MANAGEMENT WITH VTOUCH®

- » On-line summary of account status - Water quality values continuously updated including past 24 hour min, max & average values, as well as alarm status
- » One-click VT LiveConnect™ to any device in the field for full analysis, troubleshooting & adjustments
- » Seamlessly integrate controllers within different facilities on one screen - remotely or via desktop:
  - » Remote checking reduces staff time
  - » Save on costly visits to your facility



## SPECIFICATIONS

- » Fish Holding Volume, Total System Volume, Adult Zebrafish Holding Capacity
  - Five Shelf System – 222 liters, 297 liters, 2,220 adult zebrafish capacity at 10 fish/L
  - Six Shelf System\* – 252 liters, 327 liters, 2,520 adult zebrafish capacity at 10 fish/L
- » Dimensions and Weights
  - Five Shelf System – 14" x 79" x 83"H, 1,050 lbs. operating weight
  - Six Shelf System\* – 14" x 79" x 92"H, 1,200 lbs. operating weight
- » Electrical
  - 120V/15A/60Hz
  - 240V/7.5A/50Hz

\*As shown

Have questions? Send us an email: [gofish@iwakiaquatic.com](mailto:gofish@iwakiaquatic.com)  
We'd love the opportunity to discuss your project!