



QSYS™ : Forging the Future of Recirculating Aquaculture Systems

QSYS™ is much more than a pump: It's a system. MDM has developed the QSYS™ product by starting from ground zero, examining each component of a pump that limits efficiency, improving the efficiency of each of those components and then putting them all back together into a totally new product. This unique product is really the building block of a radical new system for efficient pumping. QSYS™ has taken the fundamental efficient properties of high specific speed impellers and powered it by an innovative motor design. QSYS™ also allows for the flexibility of variable speed operation. The modularity of the design allows for multiplexing in both series and parallel configurations. Its concealed "In-the-Pipe" design makes for clean installations, protects the critical moving parts from the external environment, virtually eliminates noise, and reduces suction problems.

As new Recirculating Aquaculture Systems continue to reduce wasteful energy requirements like high pressure, the QSYS™ modular axial flow pump technology will meet the demands of intensive high-flow low-head culture systems. QSYS™ is truly a disruptive technology that will enable efficient and sustainable aquaculture for generations to come.

- Up to 136.3 m³/hour
- Up to 3 meters of shut-off head
- Performances at 2HP and less
- Modular design allows for easy manifolding/redundancy
- Seal-less Design provides low maintenance costs

