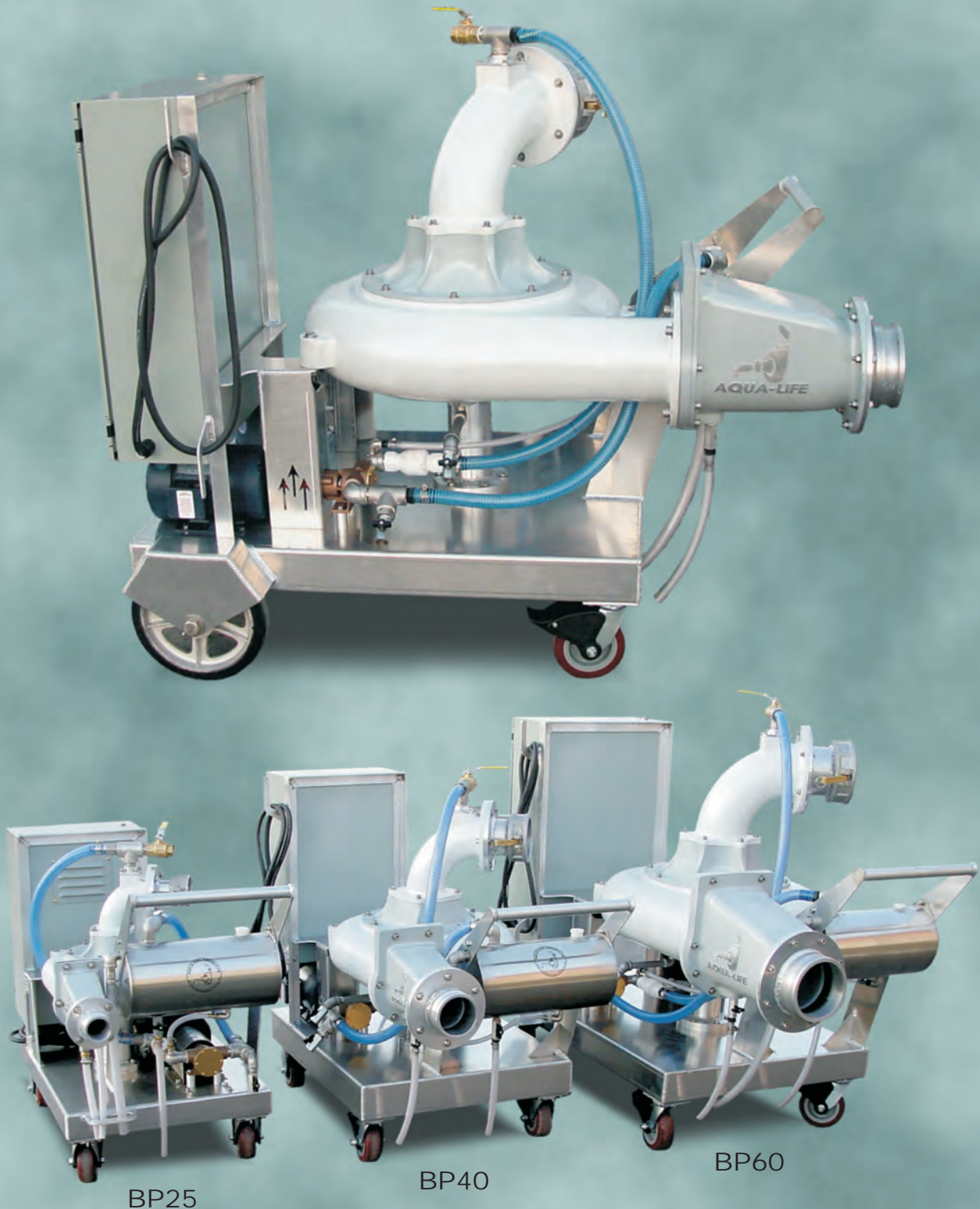


# **AQUA-LIFE** PRODUCTS

## *Introducing the New **Biostream***



BP25

BP40

BP60

*Serving the Aqua Culture Industry since 1975*

# Applications



The new **BioStream** offers versatility, power and maneuverability not commonly found in *single vane snail pumps*. The **BioStream** features a self priming, variable speed electric drive, all packaged into a compact aluminum cart to allow for maximum maneuverability.

**Optional remote control available.**

The **BioStream** line is the first fully engineered fish pump. By using Computational Fluid Dynamics (CFD), the **BioStream** was designed from the inside out. By simulating the flow of water and fish in *single vane snail pumps* already on the market, several problems we identified and addressed in the design of the **BioStream**. Using data generated from the CFD software, the design of the **BioStream** was developed to generate maximum discharge heads while still allowing operation at very low speeds. Combining this type of engineering with the high standard of Aqua-Life's quality manufacturing, the **BioStream** is a viable option for those who want to gently transfer fish at high heads and long distances, or for those moving fish with little head and distance.

The record breaking performance of the **BioStream** line makes them the perfect hatchery Fish Pumps.

Model	BP25	BP40	BP60
Suction/Discharge Diameter	2.5 in (65 mm)	4 in (100 mm)	6 in (150 mm)
Main Electric Motor Output	2 HP (1.5 kW)	3 HP (2.2 kW)	5 HP (3.7 kW)
Priming Electric Motor Output	1 HP (0.75 kW)	1 HP (0.75 kW)	1 HP (0.75 kW)
Fish Pumping Capacity	4 t/hr	8 t/hr	12 t/hr
Pump Output	185 gpm (700 lpm)	370 gpm (1400 lpm)	660 gpm (2500 lpm)
Maximum Discharge Head	24.6 feet (7.5 meters)	29.5 feet (9 meters)	29.5 feet (9 meters)
Maximum Fish Size	98 grams	350 grams	600 grams

## AQUA-LIFE PRODUCTS

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