

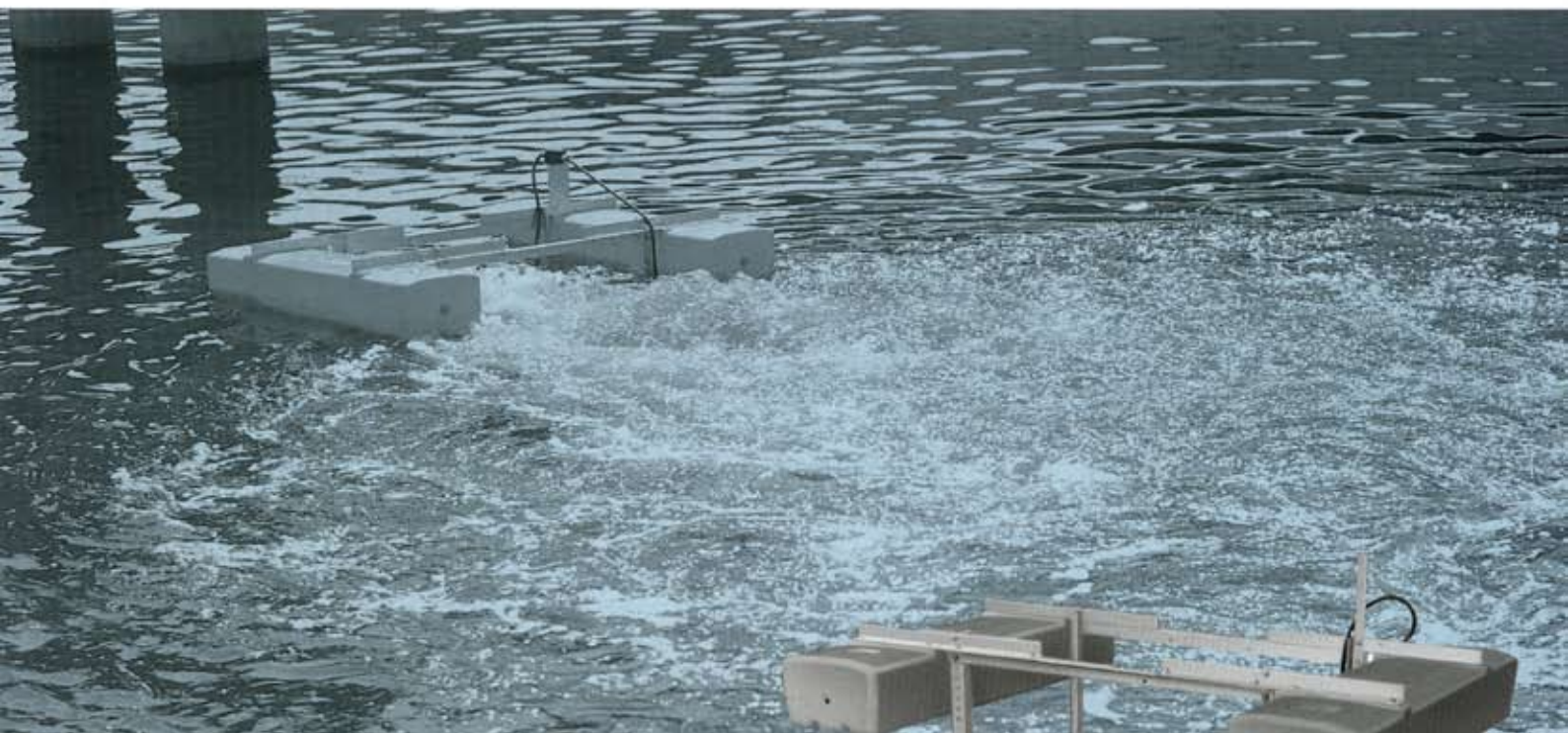
# WATER MIXER

**Q B**  
**SERIES**



**SAKURAGAWA**

WITH SUBMERSIBLE GEARED MOTOR



## APPLICATIONS

### AQUA-CULTURING OF FISHES, SHELLFISHES, ETC.

To help accelerating growth rate of aquatic animals, eliminating lack of exercise of marine products, thus promoting quality of them.

- Oxygenating the water of culturing pond, vitalizing culturing fish, shrimp, prawn, plankton, and guiding them to your intentional area of the culturing pond.
- Through circulation of water by these mixers, decreased is the loss rate of placed baits for marine products as well as eliminating stratification and helping maintain a steady water quality and temperature.
- Stirring up water in dams, rivers, culturing ponds, water tanks, etc.
- Activating contaminated water in rivers, dams, etc.



FLOAT TYPE



INSTALLATION TYPE

## FEATURES

### EQUIPPED WITH SUBMERSIBLE GEARED MOTOR

In comparison with conventional mixer equipped with non-submersible motor, these Water Mixers last much longer services, resistant to water and salty environment. Built-in motor protector ensures safety services against electrical troubles of motor all the year round.

### EXTREMELY HIGH WATER FLOW EFFICIENCY

The angle and shape of the propeller is so designed to obtain ideal and very wide scope of water flow efficiency. One unit of 1 HP model, for example, have realized the water flow efficiency more than 1,000 square meters. The propeller is made of Hydronarium Aluminum Alloy which is highly resistant to sea-water.

### BUOYANCY ADJUSTABLE STRONG AND VERSATILE FLOAT

The light and strong polyethylene made float is adjustable in buoyancy with weight of water which can be put in through its plug. And the float is interchangeable for all the three models of these Water Mixers.

### HIGHLY FUNCTIONAL, CONTROLLABLE FLOAT SUPPORT

The float support is designed to be very functional in respect to all the aspects such as light in weight, strength, resistance against corrosion, portability, etc. The float support is also interchangeable part for all the three models. Model change can be carried out only by changing motor and propeller. Free positioning of hook makes it realize to select the direction of the pulling rope from which the unit should be pulled.

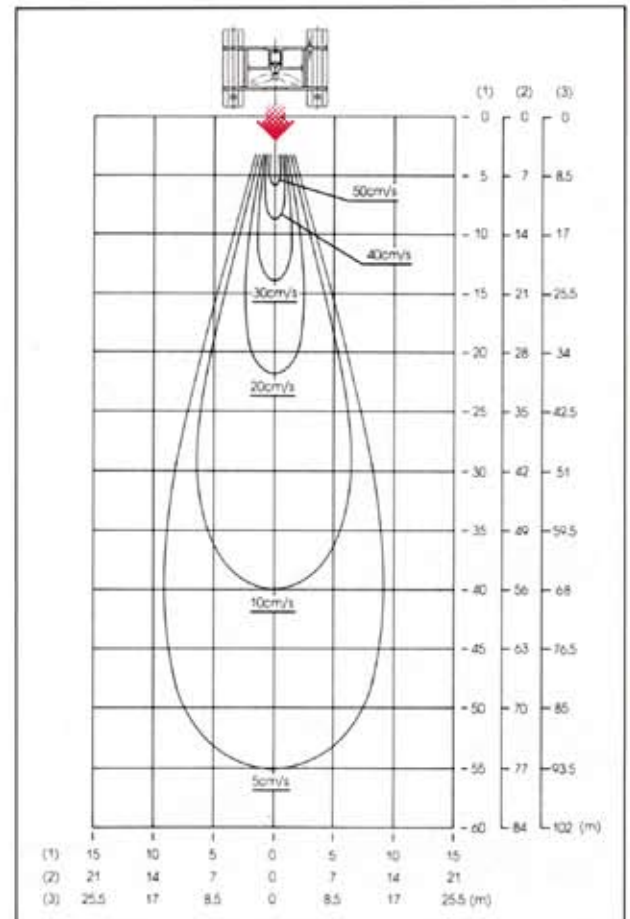
### HIGHLY OPERATIVE AND DRIVE FLEXIBILITY ORIENTED

Positioning of the propeller can be changed with ease every 70 mm pitch upward and downward. When higher oxygenation is required, it is simple to obtain it by adjusting position of the propeller above the surface of water. Water flow direction is also adjustable to a wide range, 15 degree both upward and downward by adjusting angle of the propeller.

## VELOCITY AND DISTRIBUTION CHART

MODELS	CONDITION OF MEASURING VELOCITY	
	DEPTH OF WATER (m)	MEASURING POINTS (m)
(1) QB-0.75B	1.2	0.6 (below surface)
(2) QB-1.5B	1.4	0.7 (below surface)
(3) QB-2.2A	1.6	0.8 (below surface)

NOTE: Measured while propeller is submerged completely.



## SPECIFICATIONS

SPECIFICATIONS	MOTOR OUTPUT (kW)	STANDARD SUBMERGENCE (mm)	WEIGHT (kg)	SPEED (rpm)	CABLE LENGTH (m)	DIMENSIONS W x L x H (mm)	ADJUSTABLE DEPTH OF SUBMERGENCE (mm)
QB-0.75B	0.75	910	130	120	2	2050 x 1500 x 1360	830 — 1200
QB-1.5B	1.5	1050	146	120	2	2050 x 1500 x 1360	830 — 1200
QB-2.2A	2.2	1120	150	120	2	2050 x 1500 x 1360	830 — 1200

- Reduction Ratio: 1/12.5 (50Hz), 1/15 (60Hz)
- Specifications are subject to change without notice.