

Scum Pumps

RPS Series (built-to-order)

#Cleaner / #Adjustable / #Float

- RPS series removes scum and oil floating on the surface of water effectively without taking excessive water.
- The position of the suction mouth of RPS series can be adjusted at the undersurface of water.
- RPS series can be operated without any troubles, even absorbing a large amount of water and air.

◆Applications

- Removal of scum, floating matter, and oil in a pond and a tank.

◆Specifications

Models	Pump Models	Motor Output (kW)	Total Head (m)	Width (mm)	Height (mm)	Weight (kg) *Without Cable
RPS-S40TA	USF-40T	0.4	8	1,000	950	35
RPS-K22A	U-222KD	1.5	18	1,000	950	45
RPS-K32A	U-232KB	2.2	20	1,000	950	50
RPS-K33A	U-233KD	2.2	14	1,000	950	50



Water Activation Systems

WM/SB Series (built-to-order)

#Mixer / #Oxygen / #Combination

- WM/SB series is an innovative system that helps natural purification.
- The system, which combines "the water mixer" generating a jet stream with "the fountain of aeration type" releasing water in the form of droplets and mist into the air effectively, circulates water and supplies a large amount of oxygen.

◆Applications

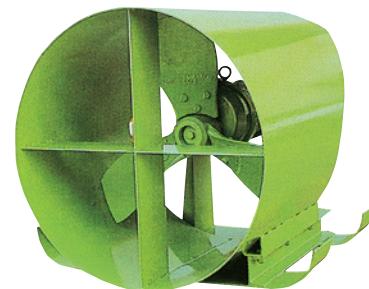
- Purification of contaminated water by DO (Dissolved Oxygen) and bacteria
- Prevention of algae formation, odor and oxygen depletion

◆Specifications

Models	Motor Output (kW)	Propeller Diameter (mm)	Rotational Speed (min ⁻¹)	Weight (kg) *Without Cable
WM-075	0.75 (Submersible Geared Motor)	680	120	125
WM-15	1.5 (Submersible Geared Motor)	870	120	147
SB-075AM	0.75 (Direct Coupling to Motor)	280/250	950/1,150	43

Models	Type	The Height of the Water (m)	The Width of the Water (m)	Motor Output (kW)	Weight (kg) *Without Cable
SB-075A	Spring Water	0.5	1.2	0.75	8.5

The figure in the left of " / " is for 50Hz, in the right is for 60Hz.



WM-075
(Water mixer)



SB-075AM



SB-075A (The fountain of aeration type)

Submersible Agitators

RSA/SA Series

#Direction / #SimpleOperation / #OnDemand

- SA series can agitate water that differs depending on each application by the merit of divertible.
- A submersible motor is adopted for SA series pumps.
- Easy operation just installing on the designated place and connecting the power cable to the power source.
- Vertical type is available for RSA-0.75B/SA-250V/SA-300V/SA-350V.

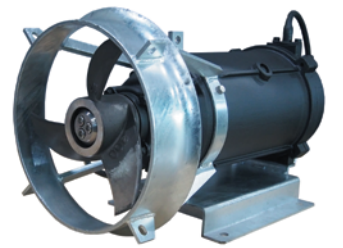
◆Applications

- Prevention of sedimentation of deposits in water
- Agitation of slurry
- Crushing and stirring of floating matter and scum
- Dissolution and diffusion of dissoluble substances
- Uniformly agitate sediments in a thickening tank
- Generation of the current of water, adjustment of water temperature, and the prevention of freezing

◆Specifications

Models	Motor Output (kW)	Rated Current (A)	Rotational Speed (min ⁻¹)	Propeller Diameter (mm)	Propeller Pitch (mm)	Cable Length (m)	Weight (kg) *Without Cable
RSA-075B (Vertical Type)	0.75	4.6/4.2	1,000/1,200	240	130	10	35
SA-250A	1.2	6.5/6.0	1,000/1,200	240	130	10	34
SA-300	3.3	16.5/15.5	1,000/1,200	280	200	10	80
SA-350	5.5	27/25	1,000/1,200	316	200	10	94
SA-1.5F	1.5	7.5/6.5	100/120	870/790	1,010/1,010	10	77
SA-250AV (Vertical Type)	1.2	6.5/6.0	1,000/1,200	240	130	10	34
SA-300V (Vertical Type)	3.3	16.5/15.5	1,000/1,200	280	200	10	80
SA-350V (Vertical Type)	5.5	27/25	1,000/1,200	316	200	10	94

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SA-300



SA-350V

Water Mixers

QB Series

#GearedMotor / #Aquaculture / #Aeration

- QB series are water propeller mixers that enhance water flow efficiency in fish farms.
- By adjusting the gear driven unit and designing the new motor, the propeller is rotated more effectively.



QB-0.75D



◆Specifications

Models	Motor Output (kW)	Propeller Diameter (mm)	Standard Depth of Submergence (mm)	Adjustable Depth of Submergence (mm)	Cable Length (m)	Weight (kg) *Without Cable
QB-0.75D	0.75	730	955	830~1,200	2.5	130
QB-1.5D	1.5	870	1,025	830~1,200	2.5	130

The figure in the left of " / " is for 50Hz, in the right is for 60Hz.

- Submersible Geared Motor Specification
- Reduction Ratio : 1/12.5 (50Hz), 1/15 (60Hz)
- Rotational Speed : 120min⁻¹

