

[Product Description]

- After the aerator starts, dissolved oxygen (DO) levels rise rapidly, reaching optimal water quality in a short time.
- Generates fine microbubbles of 20–30 μm , increasing the gas–liquid contact area and allowing gases to dissolve into water faster.
- Measured dissolution efficiency exceeds 80%, balancing performance and energy savings, thus reducing operational costs.
- No need for pressurized pumps or air compressors to achieve gas intake and mixing, lowering equipment investment and maintenance requirements.
- Dissolved oxygen in the water decreases slowly; gases are fully dissolved, preventing rapid drops and ensuring more stable water quality.
- Increasing dissolved oxygen suppresses anaerobic reactions, effectively reducing odor and organic matter accumulation.
- Fine and uniform bubbles avoid the large bubbles and instability commonly seen in traditional aeration systems.
- In a 400L water tank test, aeration increased dissolved oxygen to over 100% within 5 minutes, effectively improving water quality performance



[Applications] River aeration / Aquaculture / Hydroponics / Industrial wastewater treatment

[BUB Optional Code]

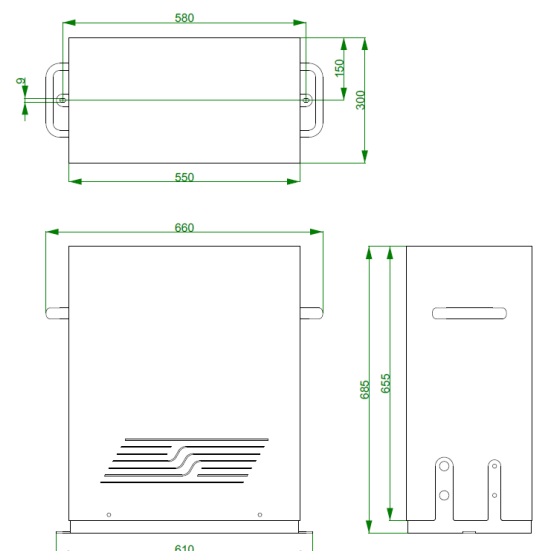
BUB-Code 1

Code 1	Outflow
30L	30L/min

[Specifications]

Voltage	220V/60Hz
Power consumption	$\leq 1.3\text{kW}$
Outflow	30L/min
Material	SUS304 Stainless Steel
Dimensions	660x300x685mm
Weight	$\leq 42\text{ kg}$

[Dimensions] Unit:mm



[Test Results]

