Standard Specifications

Motor

- WEG W22 custom manufactured to aeris.global specs.
- IEC 72 Standard, V1 Mount (Flange Only)
- IP66, Rain Cap, Insulation Class-H (B Temp Rise), Thermistor Type PTC, Space Heater (200-240V)
- E3 Premium Efficiency (Exceeds AS/NZS 1359.5:2004 Table B2 Minimum Energy Performance Standards
- WEG Triple Epoxy Paint Plan 212E (aeris.global colour)

Construction

- AISI 304L stainless steel
- Closed-cell polyurethane foam filled float
- Four-function lifting saddle c/w power-section swivel feature
- Three mooring eyes @ 120-degrees

Replaceable Mooring Eyes

Aerators secured in place with mooring cables have eyes on the float for cable connection. Over time the eyes can wear particularly in high-energy basins, high kW models, multiple start operation and on basins exposed to high wind.

Optional Specifications

Motor

- Alternate WEG paint plans and colours upon request
- WEG W3Seal® with brass labyrinth seal for ultimate ingress protection
- Tropicalised Windings – Internal paint system
- AERIS® SGR Bearing Protection Ring (Grounding Ring)
- VibePro24/7 online wireless vibration and temperature monitoring system
- Alternate IEC motors available upon request

Construction

- Reduced or extended draft variations to suit water level
- Four mooring eyes @ 90-degrees
- Alternate materials of construction – AISI 316L stainless steel; duplex stainless steel upon request
- Special cone-cross options to suit application – e.g. flow through design for oxidation ditch and annulus installations.
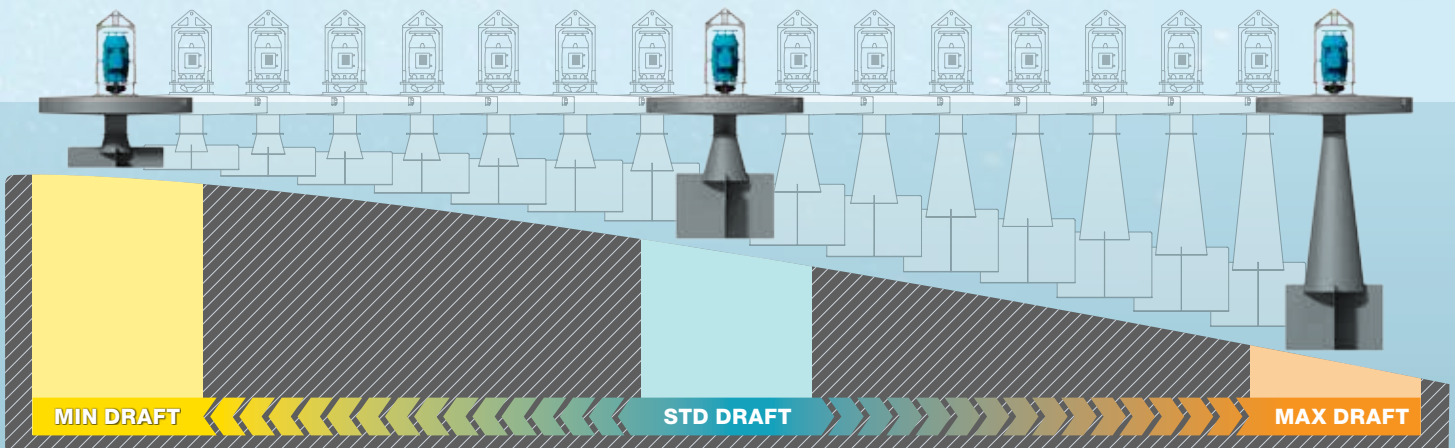
Anti-erosion plate

- For use in shallow, earthen constructed and membrane lined basins. Eliminates draw from directly below the axis of rotation and promotes horizontal suction from the laminar layers above the level of the plate.

Soft-edge liner base

- For use in membrane lined basins. Designed to prevent damage to the liner in the event of inadvertent contact or to allow the aerator to rest on the liner if the basin is lowered or drained.

Infinite Draft Options

MIN DRAFT   STD DRAFT   MAX DRAFT

Each aquaturbo® **AER-AS** surface aerator has a standard draft with an associated min and max water level range. The draft can be reduced or extended within the operational limits of each model. Optimum mixing and oxygen transfer are achieved when the correct draft is selected to suit the water level.