

Comparison of Paddle Wheel Aerator vs. Aqua Hill Aeration Inc. Floating HydroBurst

Paddle Wheel Aerator	Floating HydroBurst
Many replacement parts needed over course of its life cycle	No replacement parts needed over course of its life cycle
Complicated assembly	No assembly
Requires regular maintenance	Requires no maintenance
Average lifespan of 5 years with normal use	Average lifespan is indefinite with normal use
Electric Cords in Water (electrocution risk)	No electric cords in the water (no electrocution risk)
Many moving parts	No moving parts
Unable to completely destratify deeper ponds	Able to destratify deeper ponds due to drawing water from 40" down
Heavy splashing on the surface of the water leads to less stable temperature and ph and more evaporation	Less splashing on water surface leads to a more stable temperature and ph and less evaporation
Unstable in windy conditions	Stable in all weather conditions
Violent turning of paddles can harm animals in water	No harm to animals in water
Motor located on unit in the water	Blower located on the shore of pond
Oxygenates water surface	Oxygenates entire water column
Constructed with many low grade metal parts that will corrode in water	Constructed of 100% HDPE which does not corrode or calcify and is inert in water
Oxygen does not stay in solution for long periods of time	Oxygen stays in solution for long periods of time due to smaller bubble size
Needs to be leveled frequently to maintain consistent amperage draw	Self Leveling with no changes in amperage draw
Oxygen dead zones throughout pond	No Oxygen dead zones throughout pond
Disturbs earthen pond bottoms	Does Not disturb earthen pond bottoms