

Newterra Aspirator/Aerator



The Newterra® Aspirator produces a horizontal and circular flow pattern, providing proven whole basin circulation. Improve your wastewater treatment with higher removal rates of Biochemical Oxygen Demand (BOD) and suspended solids.

With the growing use and challenge caused by supposedly flushable wipes and poor screening becoming an increasing issue, we have customized our 5-30hp Aspirators with a larger stainless steel anti-fouling propeller and housing for a low maintenance operation that excels in heavy debris conditions. The resilient, patented design forces water outward horizontally past the end of the shaft creating a vacuum that draws atmospheric air down the shaft. The air is then dispersed in a large plume of fine bubbles to maximize oxygen dispersion and mixing. Flexible sizing and mounting options allow for easy installation in a variety of applications and consistent oxygen dispersion throughout the entire basin, regardless of its size or shape.

“ The Newterra aspirator aerator is simply designed, consisting of only a few moving parts... providing you with easy maintenance and peace of mind. ”



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Why Choose the Newterra Aspirator

- Trusted performance in challenging, heavy debris conditions
- Simple to install and portable – ideal for retrofits and upgrades
- Consistent seasonal performance
- No aerosols Offering 5-30hp Aspirators with larger stainless steel anti-fouling propeller housing

Features & Benefits of the Newterra Aspirator

- Mixing and fine bubble aeration
- Variable mounting angle offers flexibility
- Three (3) year warranty for 2-100hp (7.5-22 kw) sizes in worldwide voltage, phase and Hz combinations
- Robust 1450/1800 rpm 4 pole motors allow for high velocity aspiration with extended motor life
- Field replaceable, water lubricated lower bearing with wear-resistant sleeve
- Wall, bridge mount assembly
- Housing mounted vortex shield available upon request

“ It has been a great relief to have dependable equipment that doesn’t require babysitting. ”

Paul VanDyke, Manager Kalamazoo Lake Sewer and Water Authority