



Features & Benefits

FloMov™ Airlift Pumps

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Features and Benefits of FloMov™ Pump Technology

FloNergia's FloMov pumps will, not only improve water quality, but will also reduce energy costs associated with pumping/aeration systems by 50 to 70% when compared to conventional systems. Additionally, FloNergia's FloMov pumps have been proven to perform several important functions including: disrupting thermal stratification, improving oxygenation, stripping carbon dioxide and facilitating the recovery of solid waste.



Designed to handle fluids with suspended solids

- No clogging
- No special pump designs needed to pump suspended solids



Reduced noise levels

- Environment friendly
- Quiet operation



No moving parts

- No clogging
- Minimal maintenance requirements
- Reduced downtime
- Lower operating costs



Uses simple regenerative blowers/ requires a low pressure air source

- Lower operating costs
- Lower capital costs
- Minimal maintenance requirements



Simple design

- Ease of installation and replacement



Other gases can be used for injection purposes

- Lower capital costs
- Ease of operation



Ideal for high pumping volume low head applications

- Lower cost when compared to other pumping systems
- Energy savings up to 70%



Higher efficiency when compared to conventional centrifugal and axial pumping systems

- Energy savings up to 70%
- Better ROI



Uses one air source for pump operation and aeration

- One blower can provide both pump operation and aeration
- Minimal maintenance requirements
- Reduced downtime
- Lower operating costs
- Energy savings up to 70%
- Lower capital costs



Improved water aeration

- Helps maintain dissolved oxygen levels
- Lower mortality rates in aquaculture applications
- Improved growth environment for aquaculture and hydroponic applications