

Aqua-Jet II[®]

Contained Flow Aerator

The Leader in Wastewater Treatment

The use of Aqua-Jet[®] surface mechanical aerators provides a reliable choice for many municipal and industrial applications, worldwide. Due to occasional situations such as climate or certain local standards, plants may need to evaluate alternatives to surface aeration for their wastewater treatment needs. Recognizing this, Aqua-Aerobic Systems, Inc. offers the Aqua-Jet II[®] Contained Flow Aerator.

FEATURES

- Available in 3 - 100 HP
- High Mechanical Reliability
- Continued Operation During Cold Weather
- Minimizes Aerosol Emission and Misting
- Simple Mooring Arrangements
- Easily Installed



Aqua-Aerobic Systems, Inc.



Pictured is a 15 HP Aqua-Jet II operating at an industrial facility.

Aqua-Jet II[®] for Cold Climates

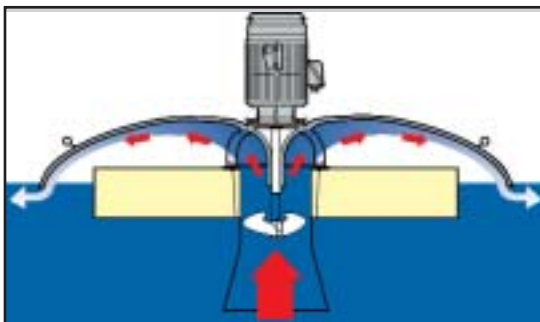
The Aqua-Jet II[®] aerator is designed for applications which require continued operation of aeration equipment during cold weather months, but are limited because of an inadequate heat sink due to process selection or environmental conditions. This aerator has proven to operate efficiently in a variety of applications, even in sub-zero temperatures.

Plants which require aeration year-round, but experience downtime during winter months, are able to operate these aerators 24 hours a day.

Enhancing the appearance of aeration basins or lagoons can also be a concern, especially if located near walkways and buildings or near highly visible public recreation, resorts, golf courses and housing. The Aqua-Jet II[®] is a suitable option for these types of requirements.

Aqua-Jet II[®] and Clean Air Standards

This unit is appropriate for plants which must comply with clean air standards such as aerosol emission and misting control. The dome serves as a shield which is mounted to the diffusion head of the Aqua-Jet[®] aerator. As shown below, the shield redirects the spray produced by the aerator back into the water surface, minimizing dissipation into the air.



Quality Design Provides Maximum Performance

The Aqua-Jet II[®] aerator is designed and manufactured with the same expertise and quality workmanship as the industry-renowned Aqua-Jet[®] aerator.

The 304 stainless steel volute and intake cone are standard features of the Aqua-Jet II[®]. A one-piece motor shaft of 17-4 stainless steel and dynamically balanced propeller of 316 stainless steel are also standard. The dome is constructed of fiber reinforced polyester (FRP).

The FRP cover can easily be retrofitted to existing Aqua-Jet[®] aerators. The cover is supplied unassembled and is accompanied with instructions for easy mounting directly to the diffusion head of the aerator.

