

Self-Cleaning Pump Intake Screens

ISF

Protect commercial/industrial pumps and water systems from surface water organics & debris

Wherever unprotected pump intakes are threatened by organic debris and other troublesome floating solids, LAKOS ISF Screens provide a continuous, intelligent defense against clogging, lost suction and pump wear. A rugged, reliable internal backwash system blows debris off of and away from the screen, allowing water to flow freely to the pump (see illustration at right).

Wide range of applications

Rivers, effluent ponds, sumps, lakes, re-use pits, streams, tanks, canals, etc.

Protects pumps

For centrifugal, turbine and submersible types: Safeguards against damage to impellers and restricted suction/cavitation.

Energy savings

Helps maintain pump efficiency, reducing the need to pump longer to deliver required water volume. Continuously clean screen eliminates potential head/pressure loss.

Reduces maintenance

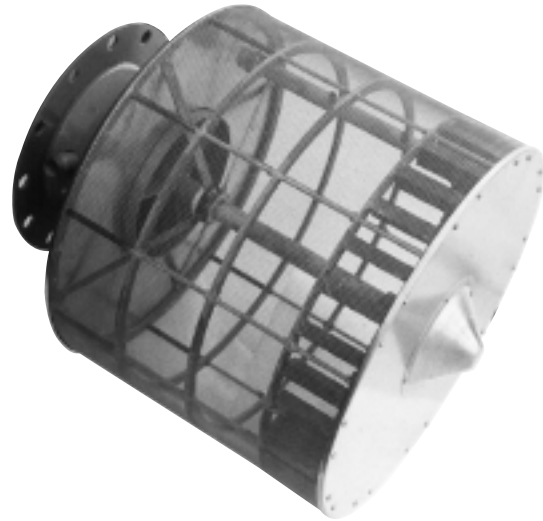
Continuous cleaning performance means no manual cleaning of stationary screens or routine system shutdowns.

Environmental protection

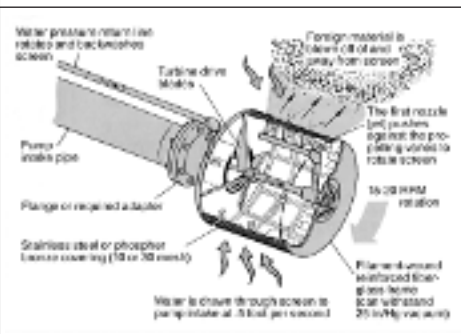
Low-velocity operation keeps fish, mussels, clams, etc. out of pump intakes.

Durable construction

Strong, deep-ribbed, reinforced fiberglass frame. Stainless steel end caps. Choice of corrosion-resistant stainless steel screen mesh or algae growth-inhibiting phospher bronze screen mesh. Turbine drive blades for strong, steady screen rotation.



Flow range:
Up to 2,700 U.S. gpm
(up to 615 m³/hr) per unit



Sample Installations

General Specifications

Dimensions

Warranty

