

CUSTOMIZED INTAKE SCREEN

Self Cleaning Intake Screen for Pumps & Raw Water Inlet

INTAKE SCREEN

INTAKE SCREEN is designed for water extraction from reservoirs and rivers for use as drinking water, desalination plants, and other industrial uses. The raw water goes through the two cylindrical screens which leave the solids elements against the perforation or wedge wire. An integrated air purging system takes place inside in order to expulse the clogged solids with bubbles.



Intake Screen

APPLICATIONS

- ➔ Raw water from reservoirs and rivers
- ➔ Water supply to desalination plants
- ➔ Industrial raw water supply for brewing, drinks & food processing

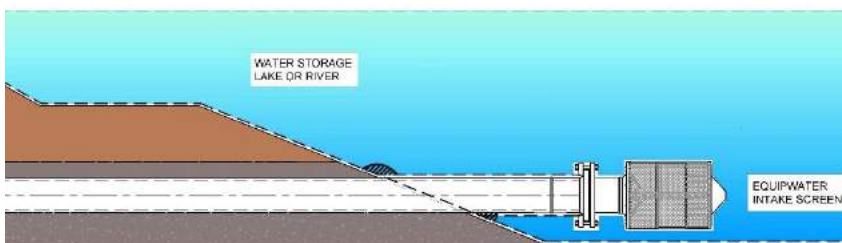


PUMP INTAKE SCREEN

The raw water is fed in the internal rotating surface of the screen. Solids remain on the surface of the screen while the liquid goes through the screen. As the screening cylinder rotates, the solids drop off one diverter flight to the next until they reach the discharge. A spraying/backwash system located on the upper half of the unit, will wash off any solids, grease or other materials sticking to the face of the screen and keep the perforation clean.



Self Cleaning Pump Intake Screen



Protect pumps and other water system components from leaves, algae, moss, sticks, and other troublesome debris.