

B R O C H U R E

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Water Intake System



Anping Web Wire Mesh Co.,Ltd.

Wedge Wire Screen for Water Intake System



Why use water intake systems?

Debris and sediment can plug nozzles and significantly damage runner blades and impellers in large hydro turbines. The water intake systems allows clean water to enter the intake system, while excluding leaves, silt particles and even fish eggs. Thus, a properly screen can easily create power without harming the environment. While prolonging turbine and impeller life, reduce repair and replacement cost.



Sieve bend screen is used for intake structures of hydro plant, water conservation schemes and irrigation programs. The screen is installed on the side of intake weir, the curved face of the screen ensures that all excluded silt and debris is flushed away.

Wedge wire screen panels are used for intake systems in irrigation programs and hydro plant.

Wedge wire cylindrical screen for passive water intake screens, they are widely used for extract large quantity of water from lakes, rivers and oceans.

Idea for		Screen Size	Features & Benefits
<ul style="list-style-type: none">• Power plants• Fish hatcheries• Desalination plants• Firefighting channels• Drainage channels• Irrigation off takes• Potable water plants• Drinking water plants• Desalination plants	<ul style="list-style-type: none">• Slot 0.5 mm• Slot 0.8 mm• Slot 1.0 mm	<ul style="list-style-type: none">• No move part, simple to install• Low maintenance costs• Avoiding waterway habitat destruction• Environmentally friendly• V type wire, no plugged• Construation with 304 stainless steel wire mesh	

Technical Parameters

When ordering, please specify:

1. Wedge Wire Screen Type

Wedge wire cylindrical screen, sieve bend screen

2. Slot Hole

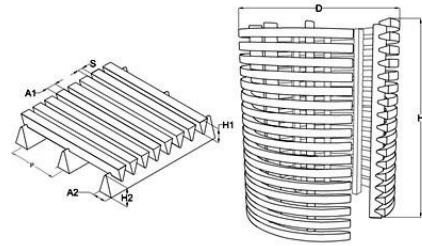
3. Profile Wire

Triangle wire

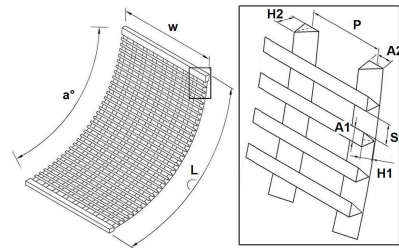
4. Support Rod

Triangle wire, round rod, flat bar, wedge wire

5. Support Rod Pitch



Wedge Wire Cylindrical Screen



Sieve Bend Screen

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