

## Water Intake

Product Coding  
**P4403XXXXX**

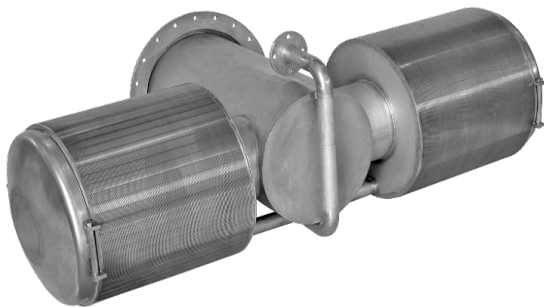
### Introduction

Efficient and reliable water intake is essential for industrial and municipal applications. The passive water intake screen with V-Wire technology, designed by Euroslot Pars, provides an effective solution for protecting pumping stations and water systems from debris and solid particles in rivers, seas, lakes, or reservoirs.

Installed directly at the intake point, the screen prevents particles larger than the slot size from entering the system, reducing the need for downstream filtration. Operating as a static, submerged system, it ensures low velocity, consistent flow, which:

- Protects aquatic life
- Prevents sediment and debris suction
- Reduces wear on downstream equipment

The precision engineered V-Wire surface maintains a uniform, non-clogging flow path even in waters with high organic or inorganic loads. The wires can be as narrow as 0.5 mm and up in 0.25 mm increments. Built from stainless steel or corrosion resistant alloys, the Euroslot Pars screen offers long lasting durability in harsh conditions.



**T Screen Design**

### Features

- Static design, simple, and reliable
- Low running cost
- Protects pumps, pipelines, and sensitive equipment
- Low intake velocity, safeguards aquatic life and minimizes sediment disturbance
- Corrosion and clog resistant
- Environmentally compliant, suitable for both marine and freshwater applications

### Applications

- Power plants
- Municipal water treatment plants
- Desalination facilities
- Agricultural irrigation systems
- Industrial cooling and processing plants
- Hydroelectric and dam operations



**Simple Screen Design**



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