

Screen Lateral System**Product Coding**
P4201XXXXX**Introduction**

Screen lateral system is an essential component used for the efficient collection and distribution of liquids or gases within treatment or reaction vessels. It consists of a central header or hub connected to several V-Wire laterals, which ensure uniform flow distribution across the entire bed and prevent channeling or wall effects. This uniformity enhances process performance and overall system efficiency. The design of the head and laterals is customized based on process conditions such as flow rate, velocity, and bed size. These systems are widely applied in hydrocarbon processing, industrial water treatment (including ion exchange, activated carbon, and sand filters), and food processing industries (such as syrup decolorization and chromatographic columns).

Features

- Easy installation in narrow space
- Flexible design based on vessel design
- Customizable for different arrangements

Applications

- **Hydrocarbon processing:** MTBE, MEROX, PTA, sand and anthracite filters.
- **Industrial water treatment:** Ion exchange, activated carbon, and sand filters.
- **Food industry:** Syrup decolorization, chromatographic columns.
- **Petrochemical/refining:** Catalyst beds and filtration systems.

Parallel Arrangement**Star Arrangement****Star Arrangement with Drain**

Tel.: +98 21 88686942-3
Fax: +98 21 88686168
Sales@euroslot-pars.com



www.euroslot-pars.com
Linkedin.com/in/euroslot-pars-6a11123ab
Youtube.com/@Euroslot-pars



Office: No. 2, Unit 2, East 32nd
(East Qeysari) St., South Allameh Ave.,
Sa'adat Abad Area, Tehran, Iran