

Outlet Collector

Product Coding
P310103XXX

Introduction

Outlet collector is a critical reactor internal designed to uniformly gather, support, and discharge treated fluid from the bottom of a catalyst bed, resin bed, or packed media layer.

It ensures smooth hydraulic performance by providing even flow withdrawal, preventing localized velocities that cause channeling, media migration, pressure surges, and bed instability.

Outlet collectors are essential for maintaining product quality, bed integrity, and stable reactor performance in ion-exchange systems, fixed-bed reactors, adsorption columns, and industrial filtration vessels.

Applications

- Fixed bed catalytic reactors
- Organic chemical processing towers
- Absorption/adsorption columns
- Specialty chemical reactors
- Hydroprocessing reactors
- Amine absorption systems



Features

- **Versatile configurations:** Cylindrical, conical, or hemispherical shapes to match process conditions and fluid dynamics
- **Multiple screening options:** V-Wire screens (large open area for sustained operation), perforated plates, or slotted sheets for maximum performance
- **Custom engineering:** Designed for any catalyst size, mechanical load, and process specification
- **Easy maintenance:** Segmental construction for removal through manholes
- **Perfect sealing:** Rope packing and full peripheral sealing to prevent catalyst bypass
- **Durability:** Built to withstand static and dynamic loads throughout the operating cycle
- **V-Wire options:** Non-clogging design ideal for particulate systems and high solids service



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