

Fluid Distributor Collector System

This distributor collector system contains slot tubes (laterals) positioned in parallel and connected to a central pipe. It is used in treatment vessels to retain media and ensure optimal flow distribution of liquids or gases.



Product Overview

Fluid Distributor and Collector System

The Fluid Distributor Collector System is an engineered solution designed to optimize flow distribution within treatment vessels. By utilizing an assembly of header pipes and radial or parallel slot tubes, it effectively retains treatment media such as resin, active carbon, or catalysts. This system ensures uniform liquid or gas distribution, preventing preferential flow paths and maximizing the efficiency of your filtration or separation processes.

Technical Design

Configuration Options

- Parallel slot tubes connected to a central header pipe
- Star-form radial arms connected to a central collector hub

Operational Function

In-flow distribution (Top), Out-flow collection (Bottom), Media retention

Applications

Industries Served

Water Treatment • Gas Treatment • Chemical Industry • Petrochemical Industry

Compatible Media

- Resin
- Active Carbon
- Catalyst
- Molecular Bed