

Column Tray-Shower Tray**Product Coding**
P1202.....**Introduction**

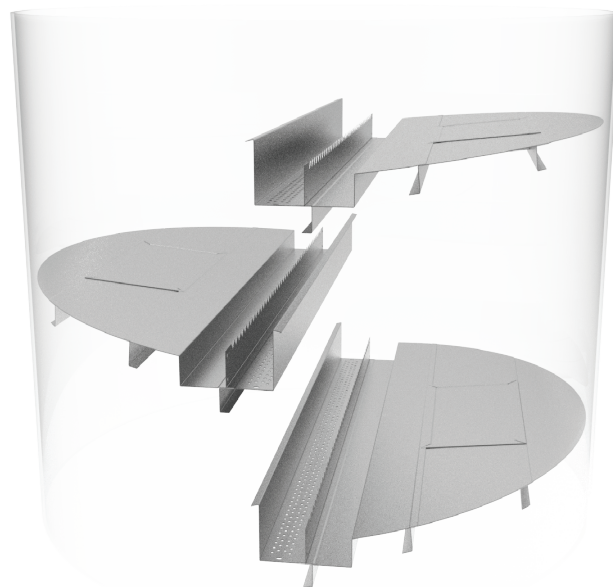
Shower tray is a robust liquid distribution device designed for uniform downward flow in distillation and absorption columns. Its precisely drilled outlets create evenly spaced liquid streams that ensure proper wetting of the packing or lower internals. The tray's simple flow path and strong fouling resistance make it suitable for severely fouling services. Liquid cascades from one baffle to the next, while rising vapor passes through the falling liquid curtains for effective contact. Because of its durability and reliability, it is widely used in washing sections, revamp projects, and large diameter towers where fouling resistance takes priority over high separation efficiency.

Features

- Uniform and controlled liquid distribution across the full tower cross section
- Simple, open path design providing excellent fouling resistance
- Stable operation over broad hydraulic ranges with minimal pressure drop
- Precision engineered deck openings for consistent droplet or jet formation
- High mechanical strength suitable for large diameter columns
- Available in stainless steels, alloys, or custom materials
- Customizable deck patterns and flow configurations based on process requirements

Applications

- Liquid distribution above structured or random packing
- Columns operating at low to moderate liquid loads
- Absorption, stripping, and distillation services
- Towers with fouling or contaminated process streams
- Wash sections requiring stable downward liquid curtains
- Revamp projects where simple, reliable distributors are preferred



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