

Industrial Scale Trapping Filter Screens

Scale trapping screens increase the surface area of a filter bed, diffusing scale over a larger area. These screens trap contaminants and improve flow rates in industrial applications.



ADDITIONAL IMAGES



Product Overview

Optimizing Catalyst Bed Performance

Industrial Scale Trapping Filter Screens are precision-engineered to manage metallic contaminants in downflow processes, preventing costly scale build-up that hampers reactor vessel efficiency. By significantly increasing the effective surface area of the catalyst bed, these screens maintain optimal flow rates and extend the operational life of your equipment. Each unit is precision-welded for superior strength, durability, and corrosion resistance to withstand demanding industrial environments.

Performance Specifications

Surface Area Increase

400 %

Increased Surface Area

Key Benefits

Traps Contaminants, Improves Flow Rates, Prevents Clogging, Protects Catalyst Beds

Technical Details

Construction Features

- Precision welded construction
- High-strength materials
- Cylindrical design for max surface area
- Robust end caps
- Corrosion and wear resistant

Available Configurations

Custom manufactured to client specifications, including a wide range of materials and size dimensions.

Applications

Suitable Industries

Oil and Gas • Chemical Processing • Water Treatment • Industrial Filtration