

Single-Effect External Circulation Evaporator

This single-effect external circulation evaporator is designed for concentrating liquids. It is constructed from stainless steel and used in pharmaceutical, food, and chemical industries.



Product Overview

High-Efficiency Concentration

The Single-Effect External Circulation Evaporator is a specialized unit designed for the efficient concentration of liquids. Featuring a robust vertical cylindrical body, it utilizes an external circulation loop to significantly enhance heat transfer and overall evaporation efficiency. The integrated separator ensures precise separation of vapor from the concentrated liquid, maintaining high product purity standards essential for sensitive applications.

Technical Specifications

Material	Stainless Steel
Design Type	Vertical Cylindrical
Key Features	External Circulation Loop, Vapor-Liquid Separator, Corrosion Resistant, High Heat Transfer

Applications

Suitable Industries

- Pharmaceutical
- Food Processing
- Chemical Industry

Primary Functions

- Solution Concentration
- Solvent Recovery