

Incinerator Second Preheater for Waste Heat Recovery

The incinerator second preheater enhances thermal efficiency and reduces emissions by capturing and reusing waste heat from exhaust gases. It preheats incoming air or process fluids, reducing fuel consumption and greenhouse gas emissions.



Product Overview

High-Efficiency Waste Heat Recovery

The Incinerator Second Preheater is a critical component engineered to enhance thermal efficiency in industrial incineration systems by capturing and reusing waste heat from exhaust gases. Constructed from high-grade materials, it preheats incoming air or process fluids, significantly reducing fuel consumption and greenhouse gas emissions. Its robust design is built to withstand corrosive flue gas environments, making it an essential solution for waste-to-energy plants and chemical processing facilities.

Technical Specifications

Construction Materials

00Cr17Ni12Mo2

Tube Side Material

16MnR

Shell Side Material

Design Pressure

10.9 Mpa

Tube Side

2 Mpa

Shell Side

Set Temperature

350

Tube Side

350

Shell Side

Physical Dimensions

Size and Weight

Parameter	Value
Standard Size	\$ 1100x13518x58
Total Weight	30.6 T