

# Pyrolysis Gas Intercooler

This heavy-duty intercooler is engineered for cooling pyrolysis gas in petrochemical processes. Its multi-section design ensures efficient heat transfer within demanding industrial environments.



## Overview

### Industrial Pyrolysis Gas Intercooler

This heavy-duty pyrolysis gas intercooler is engineered specifically for demanding petrochemical applications. It features a robust, large-scale design optimized for efficient thermal management and cooling processes in refinery environments. Constructed with high-grade materials, the unit provides the pressure and temperature resilience required for complex chemical engineering operations.

## Technical Specifications

### Design Pressure

**4.2 MPa**  
Shell Side

**3.3 MPa**  
Tube Side

### Design Temperature

**-19.9**  
Shell Side

**150**  
Tube Side

## Construction

Material Composition	20R/10 Steel
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## Dimensions & Weight

Total Equipment Weight	118.3 T
Equipment Dimensions	\$2400×12007×361m (Shell) / \$25×2.5Tube

## Compliance

Ideal Applications	Petrochemical Engineering, Petroleum Refinery, Chemical Processing, Pyrolysis Gas Cooling
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