High Pressure Hydrogenating Heat Exchanger

These high-pressure hydrogenating heat exchangers are engineered to withstand demanding conditions in hydrogenation processes. They facilitate efficient heat transfer between fluids while maintaining structural integrity.

ADDITIONAL IMAGES

Product Overview

High-Pressure Hydrogenating Heat Exchanger

This high-pressure heat exchanger is engineered for demanding industrial environments, specifically tailored for hydrogenation, hydrocracking, and ammonia plant applications. Featuring a specialized sealing design, it offers a simplified structure that facilitates easier on-site maintenance while reducing overall size and weight. This robust construction ensures reliable, cost-effective thermal energy transfer even under extreme operational conditions.

Technical Specifications

Design Pressure

7 MPa	35 MPa
Minimum Pressure	Maximum Pressure

Design Temperature

300	700
Minimum Temperature	Maximum Temperature

Max Shell Diameter	1800 mm

Applications

Suitable For	Hydrogenation Units, Hydrocracking Units, Ammonia Plants, High Pressure Heat Transfer Services

Design Features

Design Advantages

- Specialized sealing structure
- Simplified maintenance at site
- Reduced equipment flange size
- Optimized main bolt design
- Lower operational costs
- High reliability

Rooms 05–15, 13A/F South Tower, World Finance Centre, Harbour City, 17 Canton Rd, Tsim Sha Tsui, Kowloon, Hong Kong