

Ethylene Refrigerant Desuperheater

This desuperheater is designed for reducing the temperature of ethylene refrigerant in petrochemical processes. It is constructed from high-grade steel with bolted flanges and reinforcement rings.



Product Overview

Ethylene Refrigerant Desuperheater

This high-performance ethylene refrigerant desuperheater is engineered for demanding petrochemical and petroleum refinery applications. Built with robust 16MnR/10 steel, the unit features a horizontal cylindrical design optimized for efficient thermal management. Its structural integrity is reinforced with heavy-duty supports and precision-engineered flanges, ensuring reliability in complex chemical engineering processes.

Technical Specifications

Design Pressure

21.38 MPa

Shell Side

3.07 MPa

Tube Pass

Design Temperature

-10 °C

Shell Side

65 °C

Tube Pass

Material

16MnR/10

Physical Dimensions

Dimensions

1600mm × 8212mm × 16mm

Weight

15.7 T