

Deethylene Tower Condenser

This pressure vessel is engineered for condensing deethylene vapor within chemical processing environments. It is constructed of heavy-gauge steel and features reinforced support structures, multiple inlet/outlet nozzles, and essential safety and instrumentation components.



Product Overview

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This high-performance Deethylene Tower Condenser is engineered for demanding petrochemical and refinery environments. Constructed from specialized 09MnNiDR steel, the vessel is designed to withstand extreme temperature gradients, ranging from -45°C on the shell side to 95°C on the tube pass. Its robust design, featuring a 2100mm diameter and reinforced support structures, ensures reliable performance and thermal efficiency in critical deethylene vapor condensing applications.

Technical Specifications

Material	09MnNiDR
Total Weight	31.24 T
Equipment Dimensions	\$2100×10083×161m

Performance Metrics

Design Pressure

0.724 MPa

Shell Side

2.9 MPa

Tube Pass

Design Temperature

-45 °C

Shell Side

95 °C

Tube Pass