

Gasoline Depentanizer

Capacity

7,000 BPD

Year Built

1995

Current Condition

Installed, but never used.

Feedstock

Gasoline stream from Fluid Catalytic Cracking.

Product

Low RVP gasoline
Pentane

Equipment Specifications

Length 82'
Diameter 4'-6"
Horse power 190



BRIEF DESCRIPTION

The depentanizer is intended to control the vapor pressure of finished gasoline by removing pentane from the FCC gasoline stream after heat exchange with the bottom product. Overhead gas is condensed and accumulated in a receiver. Reflux is returned to the column and pentane routed to storage. The resulting low RVP gasoline is cooled and sent to storage.

The column was designed with 30 valve trays based on 18 stages and 60% efficiency.

The depentanizer has never been used since it was built.

CONTACT US FOR MORE DETAILS

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