

Industrial Air Separation Unit

This industrial air separation unit is designed for cryogenic air separation. It produces oxygen, nitrogen, and argon through heat exchangers, distillation columns, and refrigeration systems.



Overview

Industrial Air Separation Unit (ASU)

This industrial air separation unit is a comprehensive, large-scale system engineered for cryogenic air separation. It is designed to efficiently produce high-purity oxygen, nitrogen, and argon for diverse industrial applications. The multi-story structure integrates advanced heat exchangers, distillation columns, and refrigeration systems to ensure reliable and continuous gas production.

Technical Specifications

Key Components

- Heat Exchangers
- Distillation Columns
- Refrigeration Systems
- Cryogenic Storage Tanks

Process Type	Cryogenic Air Separation
Output Gases	Oxygen, Nitrogen, Argon

Performance Metrics

Purity Standard
High-Purity

Structure Type	Multi-story Industrial Structure
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