

# Air Separation Unit for Gas Processing

This air separation unit is designed for efficient gas separation in chemical processing applications. The machinery uses cryogenic distillation to separate atmospheric air into its constituent components, including nitrogen, oxygen, and argon.



## Product Overview

### High-Efficiency Air Separation Unit

This advanced air separation unit is engineered for efficient gas separation within demanding chemical processing environments. Utilizing cryogenic distillation technology, it reliably separates atmospheric air into high-purity constituent components, including nitrogen, oxygen, and argon. Designed for continuous industrial operation, the system features integrated control panels for precise monitoring of critical parameters like temperature, pressure, and flow rates.

## Technical Specifications

Technology	Cryogenic Distillation
Separated Components	Nitrogen, Oxygen, Argon
Operation Type	Continuous

## System Components

### Key Components

- Compressor
- Heat Exchangers
- Distillation Column
- Storage Tanks
- Digital Control Panel

## Monitoring & Control

### Monitored Parameters

Temperature • Pressure • Flow Rates