

Pressure Swing Adsorption (PSA) Gas Separation & Purification



Allbest Creative Development Ltd. (ALLBEST)

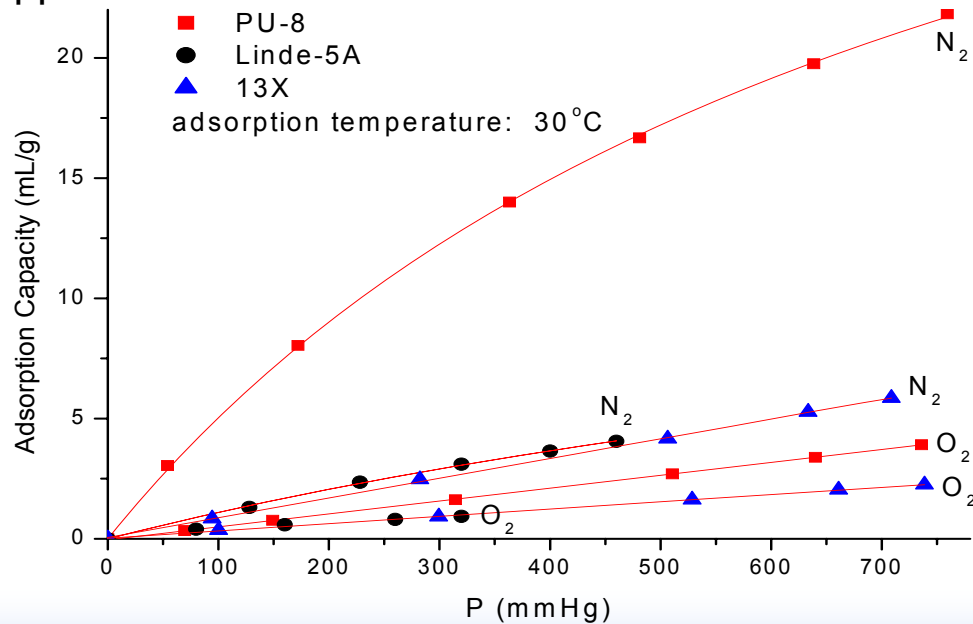
Technology Portfolio

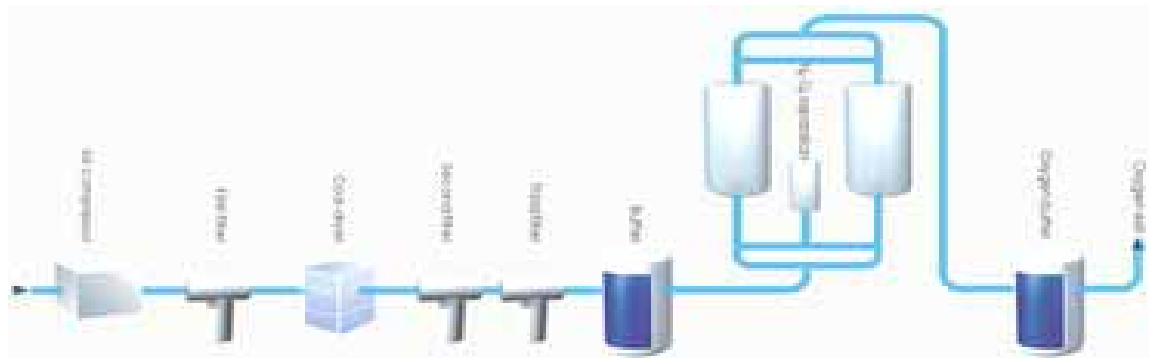
- PSA Oxygen Generators
- PSA CO Absorption and Separation
- PSA H₂ Absorption and Separation
- PSA N₂ Generator
- PSA CO₂ Absorption and Separation
- Absorbents and catalyzer

PSA Oxygen Generators

Features of the plant:

- Capacity: 2-10,000 NM³/H
- Purity of O₂: Max 95%
- Annual operation: 95%
- Low energy consumption and low cost operation
- Higher efficient PU-8 adsorbent with life of 15 years as international level
- Power Consumption: ≤0.35KWh/Nm³
- Application: Various industries

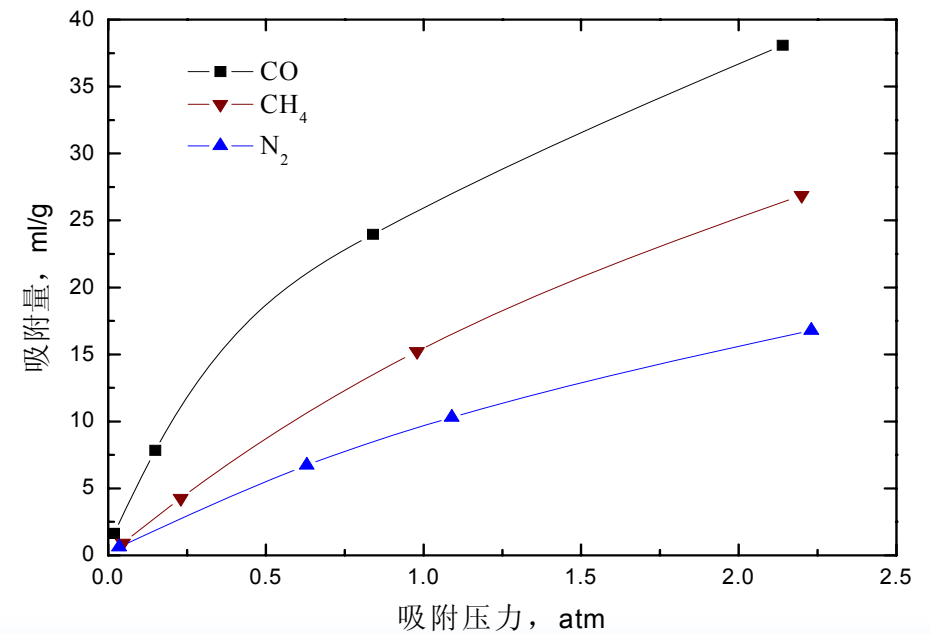
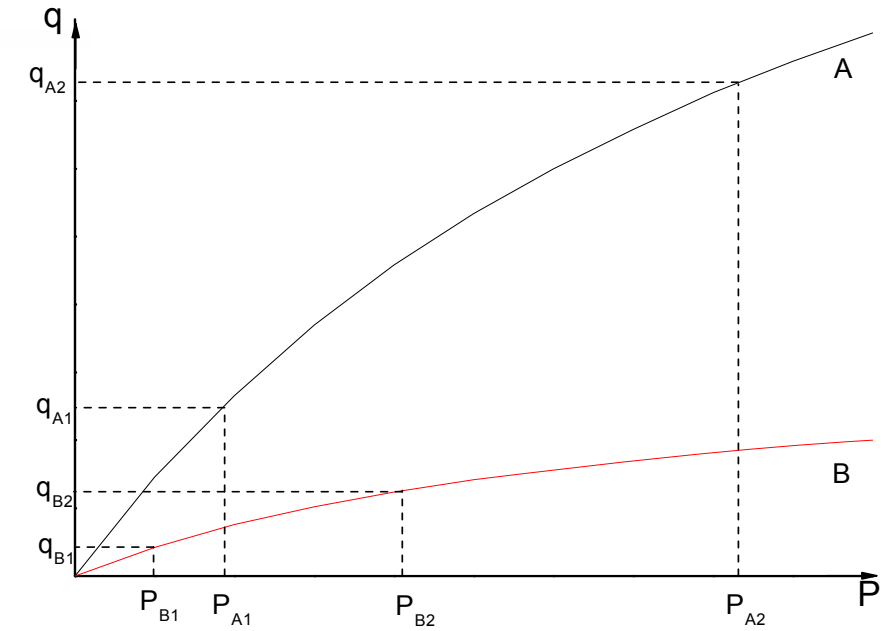
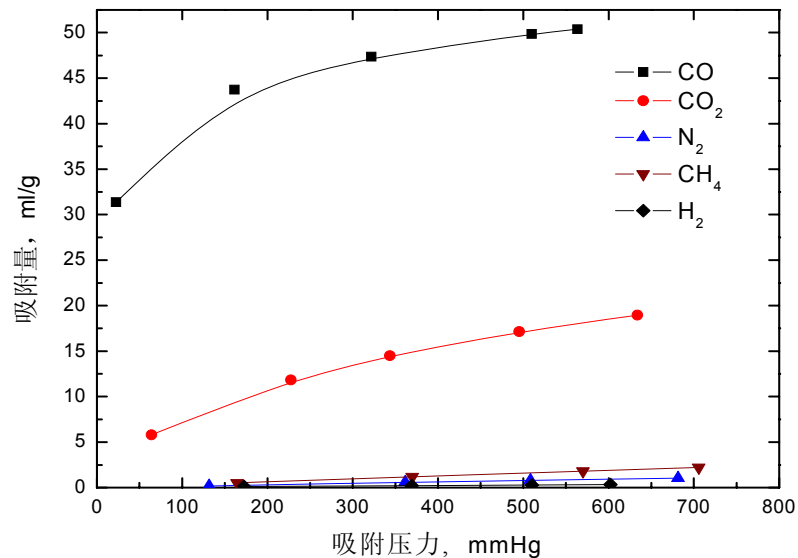




PSA CO Absorption and Separation

Features of the plant:

- Capacity: 10-10,000 NM³/H
- Purity : Max 99.99%
- Annual operation: > 8,000 Hrs
- Low energy consumption and low cost operation
- Recovering rate: >90%
- Higher efficient PU-1(Cu base) adsorbent as international level
- Application: Various industries





PSA H₂ Absorption and Separation

Features of the plant:

- Capacity: 10-60,000 NM³/H
- Purity : Max 99.999%
- Annual operation: > 8,000 Hrs
- Low energy consumption and low cost operation
- Application: Various industries



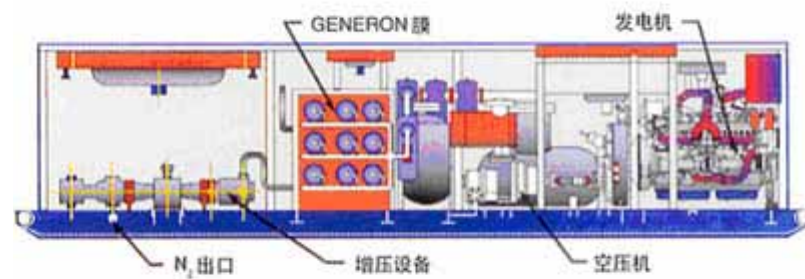
PSA N₂ Generator

Purity: 99-99.995%;

Capacity: 1000-2000 NM³/H

Application: Various industries





Other PSA Gas Absorption and Separation

✚ PSA CO₂ Absorption and Separation

✚ Absorbents and catalyzer:

For purification of H₂, CO, O₂, N₂, CH₄, C₂H₄ and CO₂

Service

- **Advanced and reliable technology & engineering**
- **Procurement, manufacture, and delivery of the goods**
- **Project management**
- **Construction, installation, and commissioning**
- **Technical service**
- **Training program**
- **Service after completion of the project**
- **Financing assistance and export credit**
- **Other services and functions upon request**

CREATE THE FUTURE



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