Your requirements are unique

Airgas, an Air Liquide company, offers a full range of state-of-the-art plants built to a standard design, ensuring safety, reliability, and cost efficiency. With guaranteed continuous supply of gas you can focus on your business. Gas supply can be ensured through iDATA™-telemonitored performance tracking supported by a network of alarm response centers and qualified service technicians, as well as auxiliary bulk back-up storage at your facility.

Markets & applications

- Metals
- Glass
- Chemical and refineries
- Pulp and paper
- Waste and water treatment

FLOXAL Solutions

FLOXAL solutions cover the supply of gas generated at your site – using plants invested, operated and maintained by Airgas – meeting your demand specifications of purity, pressure and flow rate, with full back-up and guaranteed performance.

Three molecules are available under the FLOXAL offer: nitrogen, oxygen and hydrogen. For each molecule, various generation technologies are used to ensure satisfaction of your gas needs at the required specifications and at a competitive price.
On-site oxygen portfolio

<table>
<thead>
<tr>
<th>Product Line</th>
<th>VSA</th>
<th>SIGMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>Non-cryogenic vacuum swing adsorption</td>
<td>Turbine-cooled cryogenic distillation</td>
</tr>
<tr>
<td>O₂ purity</td>
<td>90 – 93%</td>
<td>96 – 99.5%</td>
</tr>
<tr>
<td>Flow range (SCFH)</td>
<td>10,000 – 120,000</td>
<td>120,000 – 380,000</td>
</tr>
<tr>
<td>Pressure psig (bar)</td>
<td>17.4 (1.2) + compression</td>
<td>26 (1.8) – 290 (30)</td>
</tr>
<tr>
<td>Key feature</td>
<td>Low cost and high efficiency</td>
<td>High purity, N₂ coproduction, liquid production</td>
</tr>
<tr>
<td>Main application</td>
<td>Combustion, oxidation</td>
<td>Combustion, oxidation</td>
</tr>
<tr>
<td>Primary markets</td>
<td>Glass, metal, pulp and paper, water treatment</td>
<td>Glass, metal, chemical</td>
</tr>
</tbody>
</table>

VSA product line delivers the FLOXAL™ promise: peace-of-mind at best-in-class Total Cost of Ownership

VSA
Enhanced cost-efficient gas O₂ generator using Vacuum Swing Adsorption (VSA)

Benefits
• Wide product range to meet various needs
• Flexible modular system design
• Energy-efficient operation
• Guaranteed plant up-time
• Automated operation and uninterrupted gas supply

Contact us
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