

PRISM® Nitrogen Generator - Membrane



A typical membrane gas generator producing nitrogen at a customer site

The Air Products' PRISM® membrane system uses proprietary technology and the principles of permeation to provide a guaranteed reliable supply of nitrogen gas.

Compressed air enters the membrane core and passes through the bundles of hollow fibre. The faster gases (water, carbon dioxide, oxygen and argon) permeate through the walls of the fibre and are removed. Nitrogen, being a slow permeating gas, cannot pass through the fibre walls, and continues through the hollow fibre to be collected and supplied to the customer.

The *Guide to PRISM® On-site Gas Generation* provides an explanation of when a membrane nitrogen generator may be a suitable mode of supplying your nitrogen. For a copy of this CD ROM please contact us

