

PRISM[®] DE



Large nitrogen membrane separator



Features/benefits

Quality assured

Every membrane separator has to pass our rigorous testing requirements before it will be released into service. Our AS9100C certification meets the exacting requirements of the global aerospace industry for quality management systems.

Industrial grade

PRISM membrane separators are designed to handle industrial production loads. The solid construction is a perfect match for remote and severe-duty installations.

Passive technology

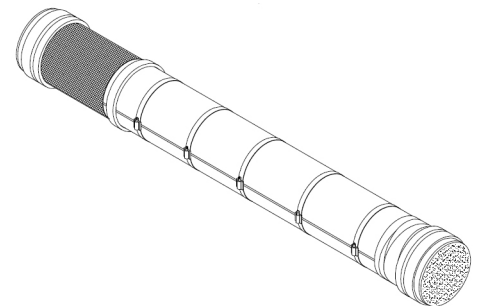
The selective permeation technology uses a passive system with no moving parts. The separators require virtually no maintenance.

Simple start-up

PRISM membrane separators are easily commissioned. Simply apply compressed air, and production begins. No break-in period, expensive media, or complex equipment is required for start-up.

PRISM DE membrane separators were the first nitrogen membrane solution provided by the Air Products PRISM Membranes group. These robust separators are incorporated into industrial nitrogen systems and are used in a variety of applications like food storage, shipboard cargo blanketing, and oil well inerting. A selectively permeable membrane wall separates nitrogen molecules from oxygen, argon, carbon dioxide, and water vapor. The resulting stream of nitrogen is purified and dry, ready for use in most industrial applications.

The DE separators are eight inches in diameter and are available in a variety of lengths. Exterior shells are not provided for all DE membrane separators.



Product Information

Catalog Number	Model Number	Length	Width	Weight	Description
106984	DE8030-P1-SO-00	1230.9mm	202.9mm	19.1 kg	Large nitrogen separator with no external shell
106986	DE8060-P1-SO-00	2097.5mm	202.9mm	24.0 kg	Large nitrogen separator with no external shell
106987	DE8060-P1-SO-0C	2324mm	219mm	97 kg	Large nitrogen separator with carbon steel shell
106988	DE8060-P1-SO-0S	2324mm	219mm	102 kg	Large nitrogen separator with stainless steel shell
106989	DE8100-P1-SO-00	3240.5mm	202.9mm	35.4 kg	Large nitrogen separator with no external shell
106990	DE8100-P1-SO-0C	3467mm	219mm	138 kg	Large nitrogen separator with carbon steel shell

For more information regarding Air Products' PRISM membrane products, please contact our Customer Service department.

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The Air Products PRISM Membranes Business Unit's quality management system is certified to ISO9001 and AS9100C.



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