

# PRISM<sup>®</sup> SE



## Process gas 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

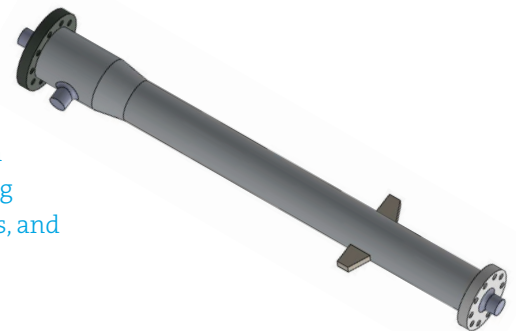
The selective permeation technology uses a passive system with no moving parts. The separators require virtually no maintenance.

#### Simple start-up

PRISM membrane separators are easily commissioned. No break-in period, expensive media, or complex equipment is required for start-up.

PRISM SE membrane separators are primarily used in process gas applications involving hydrogen or carbon monoxide separations. These robust separators are often found in petrochemical plants, refineries, and ammonia plants. A selectively permeable membrane wall separates desired gases such as hydrogen from a feed source of mixed gases. The name of the product, single end (SE), is based upon the way that the feed gas is introduced through a shell side port instead of an end cap port.

The SE separators are available in over fifty combinations of varying lengths, diameters, sleeve options, and pressure ratings.



## Product Information

Catalog Number	Model Number	Length	Width	Description
107115	SL8060-P3-SS-00	2169 mm	323.9 mm	low pressure separator with sleeve
107119	SL8100-P3-S0-00	3327 mm	323.9 mm	low pressure separator with no sleeve
107133	SM8100-P3-S0-00	3327 mm	323.9 mm	medium pressure separator with no sleeve
107125	SM8100-P2-H0-00	3327 mm	323.9 mm	medium pressure separator with no sleeve
107126	SM8100-P2-H0-S0	3327 mm	323.9 mm	medium pressure separator with no sleeve
107100	SH4100-P2-S0-00	3301 mm	216.6 mm	high pressure separator with no sleeve
164148	SH8100-P0-S0-S0	3327 mm	323.9 mm	high pressure separator with no sleeve
107105	SH8100-P2-H0-S0	3327 mm	323.9 mm	high pressure separator with no sleeve

Products listed above are the 8 most frequently purchased SE membrane products (2006-2015 sales data). Other sizes available, inquire for details.

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

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The information contained in this document is believed to be true and accurate at time of publication. Air Products PRISM Membranes reserves the right to change product specifications without notification. Please consult current *Product Design and Reference* manual for detailed information associated with these products.

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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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