PRISM® 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

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Model Number</th>
<th>Length</th>
<th>Width</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>107115</td>
<td>SL8060-P3-SS-00</td>
<td>2169 mm</td>
<td>323.9 mm</td>
<td>low pressure separator with sleeve</td>
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<tr>
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<td>SL8100-P3-S0-00</td>
<td>3327 mm</td>
<td>323.9 mm</td>
<td>low pressure separator with no sleeve</td>
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<tr>
<td>107133</td>
<td>SM8100-P3-S0-00</td>
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<td>323.9 mm</td>
<td>medium pressure separator with no sleeve</td>
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<tr>
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<td>SH4100-P2-S0-00</td>
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<tr>
<td>107105</td>
<td>SH8100-P2-H0-S0</td>
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<td>323.9 mm</td>
<td>high pressure separator with no sleeve</td>
</tr>
</tbody>
</table>

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.

Air Products PRISM Membranes
11444 Lackland Road
Saint Louis, Missouri 63146 USA
T 314-995-3300
F 314-995-3500
Membrane@airproducts.com
or visit airproducts.com/membranes

China Sales
Peter Fung
T +86-535-2165333
F +86-535-2165336
http://www.permea.com.cn
FUNG@airproducts.com

Global Sales
Ian Backhouse
T +32-2-674-9585
F +32-2-6634185
Mobile phone : +32-475-640077
BACKHOI@airproducts.com

For replacement process gas separators, contact our Customer Plant Support group.

CPS Group
T+1 (610) 481-8881
F+1 (610) 481-4915
cpsinfo@airproducts.com

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.