



GENIE[®] 225

Membrane Separator

DASTECS S.R.L.

Representantes / Distribuidores Exclusivos
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The original brand known for sample conditioning and analyzer protection!

The Supreme 200 Series™ remove 100% of suspended, immiscible liquids in liquid hydrocarbon samples, which allow only hydrocarbon liquid sample to flow to an analyzer. This action protects analyzers against damage to analyzers and sample system components. The Genie[®] Supreme Series 200 models can accommodate a wide range of applications just as the original Genie[®] Series 200 membrane separators, yet they offer an improved housing design for easy maintenance. Genie[®] Supreme Series Membrane Separators™ are safe and easy to install and maintain, especially in heated, densely populated cabinets.

The Model 225 protects liquid hydrocarbon systems from water, caustic, sulfuric acid or other immiscible liquids where the operating pressure does not exceed 2000 psig. Ideal for high-pressure applications, it also removes absorbed gases, gas bubbles, or volatile organic carbon (VOC) compounds from water sample at the same pressure rating. This model has the same design as both the original Genie[®] Model 205 and Model 205HP, except it includes a standard screw off cover to allow easier membrane maintenance.

Technical Specifications

Maximum pressure rating	2,000 psig
Maximum recommended supply pressure	2,000 psig
Maximum temperature	302 °F (150 °C)
Maximum recommended membrane flow rate (For higher flow rates contact the factory)	150 cc/min in Diesel* 200 cc/min in Kerosene* 450 cc/min in Gasoline* <small>*Maximum flow results in approximately 10 psi membrane differential pressure</small>
Port sizes	Inlet, Outlet, & Bypass: 1/4" female NPT
Internal volume	Total: 0.73 cubic inches Upstream of membrane: 0.47 cubic inches Downstream of membrane: 0.26 cubic inches
Wetted materials	Machined parts: 316 stainless steel / NACE compliant All other metal parts: stainless steel / NACE compliant Sealing material: Fluoroelastomer standard Membrane: Inert

Product Brief

Applications

- Allows for continuous liquid sampling in any process industry including natural gas, petrochemical, and oil refining.
- Analyzer protection against immiscible liquids
- Liquid sample conditioning

Benefits

- Superior analyzer protection
- Helps preserve sample integrity
- Safe and easy to install and maintain, especially in heated, densely populated cabinets
- Extended membrane service life
- Quick and easy membrane inspection
- Economical

Features


- Genie[®] Membrane Technology™
- Low internal volume
- Straight through Bypass
- Threaded housing cover
- All connection ports on the housing
- Back mounting



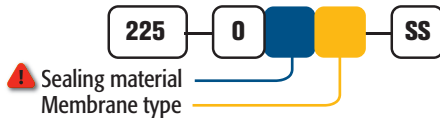
geniefilters.com

Model Numbering & Additional Part Numbers

Your model number is determined by your specific needs. Choose options below.

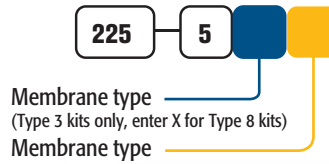
Sealing material 	0 = fluoroelastomer	(other materials available upon request)
Membrane type	3 = Liquid/Liquid membrane (with bonded o-ring)	8 = Liquid/Liquid Backed membrane
Mounting bracket accessory	Part # 225-509-SS (sold separately)	
O-ring replacement	Part # 225-500 (sold separately)	


How to build the model number:



How to build the replacement membrane kit number:

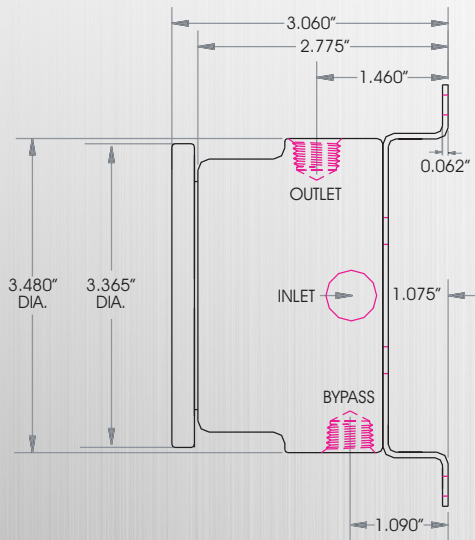
(Five membranes per kit. Type 3 kits include o-rings)



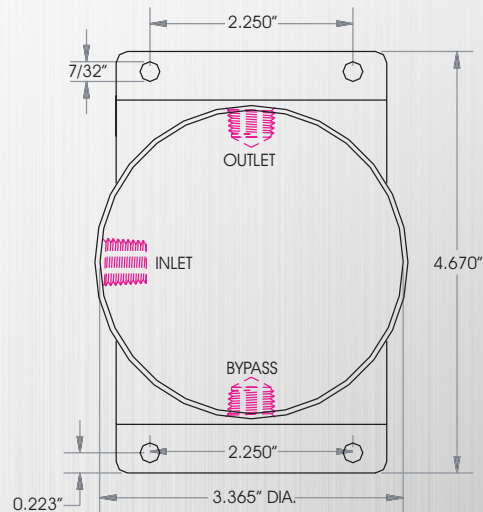
 We cannot recommend specific sealing materials due to the complex nature of sample stream compositions. Temperature and pressure also may be factors. Unless specified otherwise, the product will ship with our standard sealing materials and materials of construction stated in the technical specifications section of the corresponding Product Sheet. Please refer to www.dupontelastomers.com for sealing material recommendations and advice. It is the user's responsibility to specify the sealing materials of construction for their application.

Dimensions

Side View



Front View



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A+ Corporation is the leader in Analytically Correct™ Sample Extraction and Conditioning Systems.

Contact us for expert product application assistance.

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