

VACU-GUARD 150

Whatman™ disposable filter

Instructions for Use

Introduction

Important

Read these instructions carefully before using the products.

Intended use

The products are intended for research use only, and shall not be used in any clinical or *in vitro* procedures for diagnostic purposes.

Background

Description

VACU-GUARD 150 is a disposable filter designed to protect vacuum pump systems. This product contains a hydrophobic polytetrafluoroethylene (PTFE) membrane and chemical trap, which provides retention for air particulates and aerosols.

VACU-GUARD 150 is intended for single use. Reuse is not recommended.

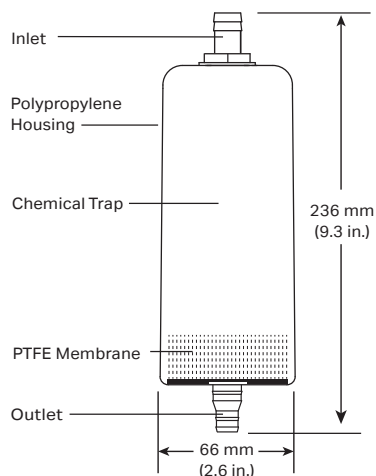
Typical applications

The VACU-GUARD 150 is intended to be used for preventing aerosol and fluid contamination in vacuum pump systems. Two different choices of chemical trap are available for the following uses:

- Activated carbon for protection against organic vapor
- Desiccant (anhydrous calcium sulfate) for protection against acidic air streams

Technical information

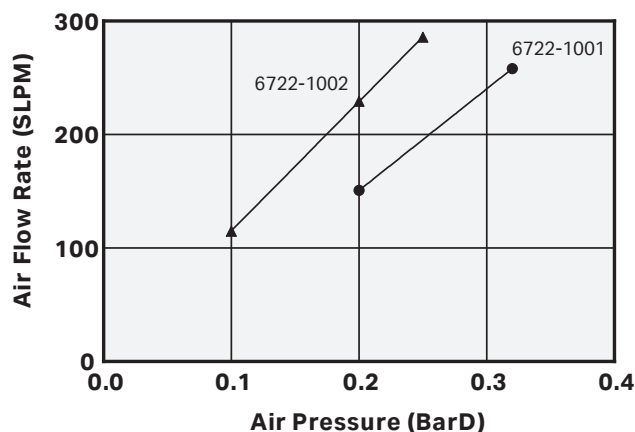
Illustration of VACU-GUARD 150



Technical data

Housing and support:	Polypropylene	
Filter media:	PTFE membrane	
Chemical trap:	Specification	Product code
	Activated carbon	6722-1001
	Desiccant	6722-1002
Quantity of chemical trap (g):	Specification	Product code
	125 g	6722-1001
	318 g	6722-1002
Inlet/outlet connections:	Inlet: 12.7 mm (½ in.) hose barb	
	Outlet: 10 to 12 mm (⅜ to ½ in.) hose barb	
Dimension (W×L):	66 × 236 mm (2.6 in. × 9.3 in.)	
Sealing method:	Heat-fused	
Maximum operating pressure:	Dry gas: 0.4 MPa (4.0 bar, 60 psi)	
	Wet gas: 0.1 MPa (1.0 bar, 14 psi)	
Operating temperature:	Ambient	
Flow direction:	Inlet to outlet	

Typical air flow rate



Operating Instructions

Safety

When considering the specific factors of your application, refer to Technical data for correct use. Make sure not to exceed the pressure and follow temperature or chemical compatibility recommendations.



CAUTION

If the Maximum Pressure is exceeded, bursting of the device may occur resulting in loss of sample or personal injury.

Venting

For venting applications, connect the inlet port of the VACU-GUARD to the vessel, leaving the outlet open to the atmosphere. The connection is made by securing the tubing to the filter ports using band clamps.

Note: Change filter if there is condensation or contact with fluid preventing sufficient air flow.

In-line

To use the VACU-GUARD for in-line application, securely connect both ports of the filter into the flow stream such that the orientation flows from inlet to outlet. The connections are made by securing the tubing to the filter ports using band clamps.

Note: Change filter if there is condensation or contact with fluid preventing sufficient air flow.

Ordering information

Product Code	Product Name	Qty./Pk.
6722-1001	VACU-GUARD 150/Activated Carbon	1
6722-1002	VACU-GUARD 150/Desiccant	1



Give feedback on this document

Visit cytiva.com/techdocfeedback or scan the QR code.



cytiva.com

Cytiva and the Drop logo are trademarks of Life Sciences IP Holdings Corp. or an affiliate doing business as Cytiva.

Whatman is a trademark of Global Life Sciences Solutions USA LLC or an affiliate doing business as Cytiva.

Any other third-party trademarks are the property of their respective owners.

© 2020–2022 Cytiva

For local office contact information, visit cytiva.com/contact

91007 AC V:8 12/2022

