



CHACOLLET™ IN-LINE HYDROCARBON PURIFIERS

Cost-effective hydrocarbon removal in lithography applications

Overview

Chacollet™ in-line gas purifiers efficiently filter out inert gases which can be disruptive in lithography applications. The filter/purifier dramatically reduces hydrocarbon and other molecular contaminants – providing <1 ppb impurity in gas streams up to 30 SLPM.

Applications

- Ideal for purging applications
- Hydrocarbon impurity removal in purge gases used in photolithography applications

Features and Benefits

- Ultrapure Activated Carbon (UPAC) adsorbent provides high efficiency hydrocarbon purification at flow rates up to 30 SLPM
- Sintered stainless steel filter element and electropolished, 316L stainless steel housings provide superior initial volatile cleanliness
- Manufactured in an ISO-certified facility by an industry leader
- Highest quality product and on-time delivery assured



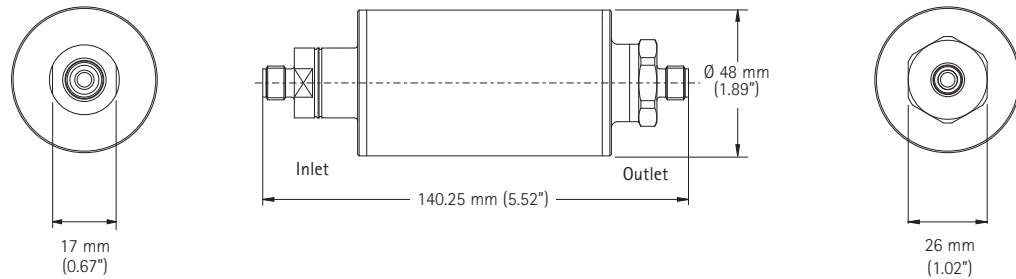
Specifications

Materials:	Adsorbent	Ultrapure Activated Carbon
	Housing	Electropolished 316L stainless steel
Downstream cleanliness:	Volatiles	<1 ppb (>C ₆ number of gaseous organic hydrocarbon at 1 SLPM)
	Particles	<0.03 particles/liter >0.01 μm at 30 SLPM
Operating conditions:	Maximum inlet pressure	9.7 bar (0.97 MPa, 141 PSIG)
	Maximum forward/reverse differential pressure	9.7 bar (0.97 MPa, 141 PSIG)
	Maximum rated flow	30 SLPM
	Maximum operating temperature	150°C (302°F) – inert gases
Retention:	Particle	>99.9999% (6 LVR) removal of all particles @ 30 SLPM (referenced at the most penetrating particle size)
	Hydrocarbon	<1 ppb (>C ₆ number of gaseous organic hydrocarbon)

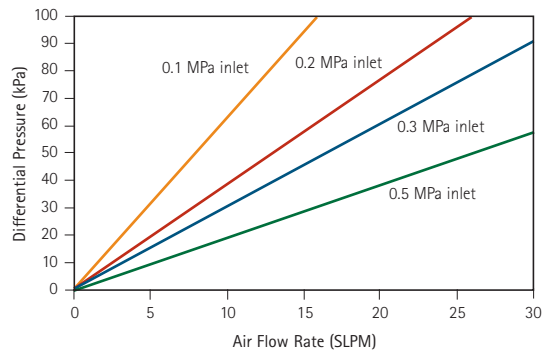
Ordering Information

Part Number	Description
LP2S AC SS2	Chacollet in-line hydrocarbon purifier and gas filter, 30 SLPM

Dimensions



Performance Data



For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit www.entegris.com and select the "Customer Service" link for the center nearest you.

Terms and Conditions of Sale

All purchases are subject to Entegris' "Terms and Conditions of Sale." To view and print this information, visit Entegris' website at www.entegris.com and select the Legal Notices link from the footer found on the home page.

Entegris®, Chacollet™ and Mykrolis® are trademarks of Entegris, Inc.
Swagelok® is a registered trademark of Swagelok Company.

ENTEGRIS, INC.

Corporate Headquarters / 3500 Lyman Boulevard / Chaska, Minnesota 55318 USA
Customer Service Tel. +1 952-556-4181 / Customer Service Fax +1 952-556-8022
www.entegris.com