

Purasol® AQ-HC Purifier with Oktolex™ Technology

*Single-digit ppb trace metal removal
solution for TMAH, Amm-DIW, FIRM,
and DIW materials in photolithography
applications*

Building upon the success of our Purasol® purifiers, our Purasol AQ-HC purifiers provide single-digit ppb trace metal performance over a broad range of aqueous photochemicals to enable customers to control contamination and achieve maximum cleanliness. Oktolex technology's unique membrane removes metals in non-ideal chemistries with higher selectivity and efficiency than IEX (ion exchange) purification technology from a variety of raw materials used in photochemical manufacturing and semiconductor applications.

APPLICATIONS

- Photolithography including TMAH, Amm-DIW, FIRM, and DIW
- Raw materials and intermediates surfactant used in photochemical manufacturing

FEATURES & BENEFITS

Oktolex tailored membrane	Single-digit ppb trace metals removal in aqueous-based chemistries – TMAH, Amm-DIW, FIRM, and DIW
UPE (ultra-high molecular weight polyethylene)	Compatible with a wide range of chemical concentrations including 25% TMAH
Bulk and point-of-use device formats	Consistency of purifier compatibility and performance throughout material lifecycle

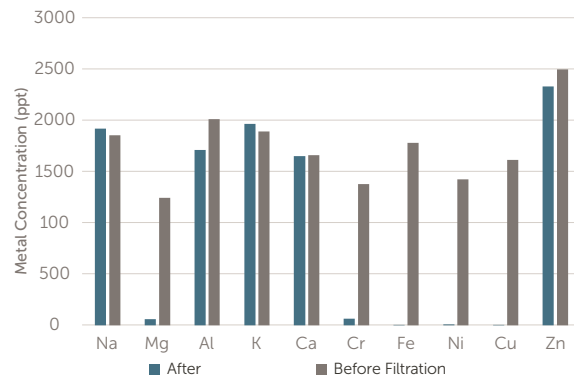
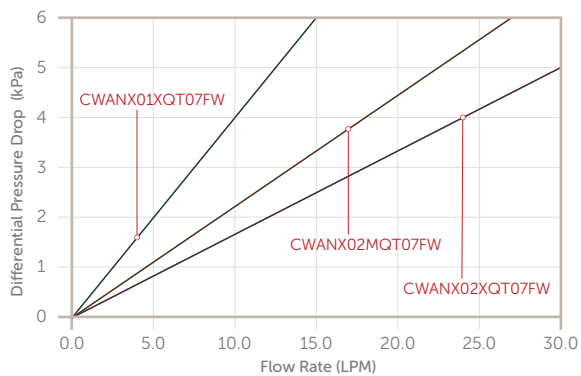


Available in multiple formats and sizes to meet your application needs

SPECIFICATIONS

Part number	CWANX01XQT07FW	83 mm diameter/10" length
	CWANX02XQT07FW	83 mm diameter/20" length
	CWANX02MQT07FW	70 mm diameter/20" length
Materials of construction	Membrane	Modified ultra-high molecular weight polyethylene (UPE)
	Shell, core, supports	High-density polyethylene (HDPE)
	Device connection	Cartridge: E-ETP O-ring
	Surface area	CWANX01XQT07FW: 1.96 m ²
		CWANX02XQT07FW: 3.92 m ²
		CWANX02MQT07FW: 2.29 m ²
Operating conditions	Maximum inlet pressure: 0.34 MPa (50 psi) @ 25°C (77°F)	
	Maximum forward differential pressure: 0.24 Mpa (35 psi) @ 25°C (77°F)	
	Maximum reverse differential pressure: 0.24 Mpa (35 psi) @ 25°C (77°F)	
	Maximum operating temperature: 60°C (140°F)	

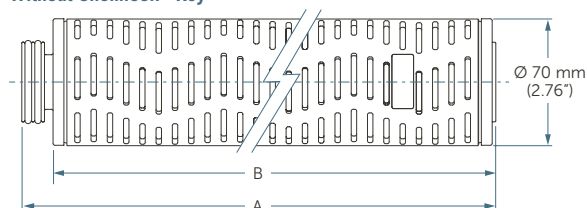
PERFORMANCE DATA



DIMENSIONS

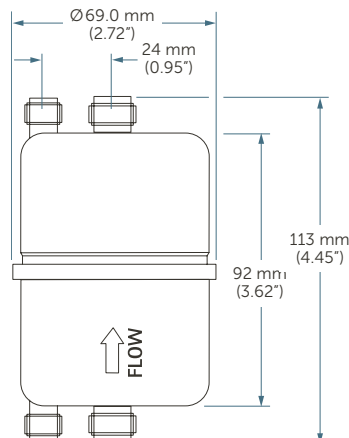
Purasol Cartridge Purifiers – Code 0 (70 mm width)

Without Chemlock® Key



Length	A	B
10"	262.3 mm (10.33")	245.0 mm (9.65")
20"	506.5 mm (19.94")	489.2 mm (19.26")

Purasol Disposable Purifier



ORDERING INFORMATION

Part number

CWANX01XQT07FW	Purasol AQ-HC 10" C-0 E-ETP CMLK	83 mm diameter
CWANX02XQT07FW	Purasol AQ-HC 20" C-0 E-ETP CMLK	83 mm diameter
CWANX02MQT07FW	Purasol AQ-HC 20" C-0 E-ETP	70 mm diameter
CWANXDSTMQ007FW	Purasol AQ-HC disposable capsule	Optimizer® format

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](https://www.entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

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