

IonKleen™ G2 AQ Purifier

Description

The IonKleen™ G2 AQ Purifier has been specifically designed for the removal of metal ions from ultrapure water at high flow process conditions. It is ideally suited for use in the semiconductor industry's most critical final cleaning processes. Utilizing Pall's IonKleen G2 AQ membrane, the surface has been modified to incorporate ion exchange groups on its surface resulting in spontaneous and immediate metal removal from ultrapure water.

Features & Benefits

- High metal removal efficiency
- Simplifies purification techniques
- High capacity
- High flow
- Shipped dry
- Manufactured in a cleanroom environment

Recommended Applications

The IonKleen G2 AQ Purifier is recommended for point-of-use rinse water purification. It has also shown positive results in the purification of ultrapure water with pH > 4.



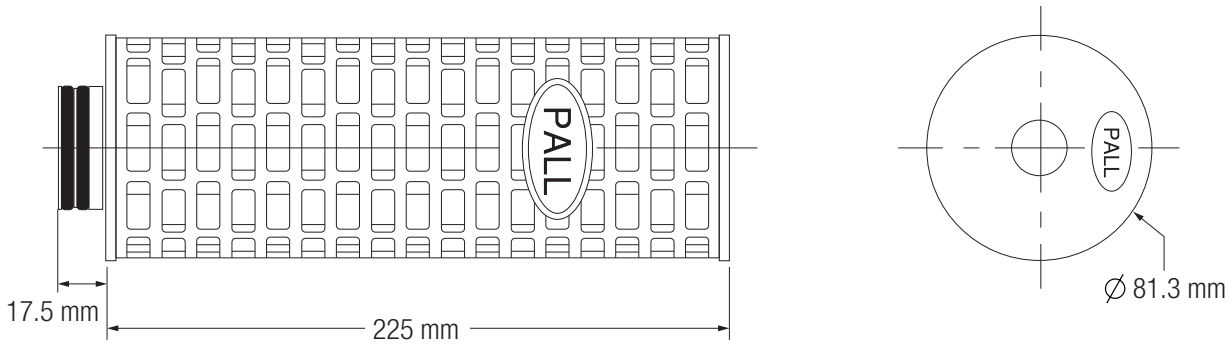
Specifications

Materials of Construction

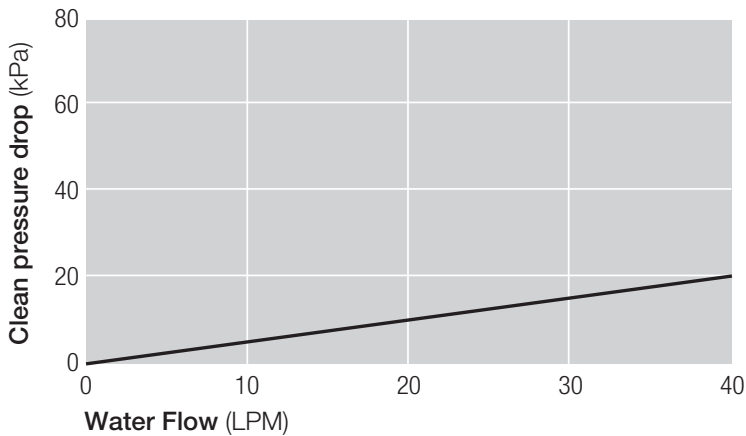
Components	Materials
Filter Medium	Hydrophilic ultra high molecular weight polyethylene (UHMWPE)
Core, cage, end caps, support and drainage	High density polyethylene (HDPE)
O-rings	FEP Encapsulated Fluoroelastomer

Filter type	ABDG1
Purifier Media Area	1.3 m ² / 14 ft ²
Ion Exchange Capacity	> 68 meq
Maximum Operation Temperature	70 °C / 158 °F
Maximum Operation Flow	< 45 L/min
Maximum Forward Differential Pressure	0.1 MPa @ 70 °C / 14.5 psid @ 158 °F

Dimensions



Pressure Drop vs. Liquid Flow Rate (Water, 20°C)¹



¹ For liquids with viscosity differing from water, multiply the pressure drop by the viscosity in centipoise.

Part Numbers / Ordering Information

ABDG1UPW3EH1



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Products in this document may be covered by one or more of the following patent numbers: US5543047; US5690765; US6113784; US7083564; US7318800; EP0982061; EP0667800; EP1380331.

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