FILPURE®

INSIDE OUT SERIES

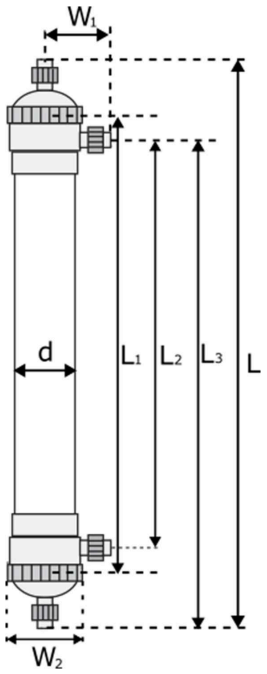
FILPURE® 1860 - 55

Ultrafiltration Module

Membrane Technical Datasheet

Applications

FILPURE® INSIDE OUT SERIES 1860-55 UF elements find application in the filtration of water for RO pretreatment, drinking water purification and recycling of waste water. The membrane is suitable for filtration of surface water, borewell water, sea water and tertiary treated waste water of ETPs and STPs.



Dimension reference: W1, W2, d, L, L1, L2, L3

Technical Specifications

Membrane bore diameter	0.8 mm
Nominal pore size	0.02 micron
Average flux	40-150 LMH
Flow configuration	In to out
Operational mode	Dead end / crossflow filtration
Membrane area	55 m^2
Bacteria removal	Log 6
Virus (MS2 phase) removal	Log 4

Operating Parameters

Maximum inlet pressure	75 psi
Temperature range	1-45 °C
Maximum TMP	45 psi
Maximum feed pressure	30 psi
Maximum feed TSS	30 mg/L
Maximum instantaneous chlorine	200 ppm, pH > 10
Maximum cumulative chlorine	200,000 ppm-hrs, pH > 10

Material of Construction

Membrane material	Polyether sulfone
Housing shell / end caps	UPVC
Fiber support netting	Polyethylene
Potting material	Epoxy compound
Preservative	Glycerin-water mixture

Dimensions*

Model	W1	W2	d	L	L1	L2	L3
FILPURE 1860 - 55	187	240	200	2150	1860	1720	1942

* All measurements are in mm.

Note: The information and data provided herein are only for the guidance. The data is generated at our test conditions and is not necessary to exactly reproduce at all installation places. As the experts in the art know, there are several different factors affecting the membrane performance. We are not responsible for any liability regarding the accuracy of this Product Information, which is provided at no charge and for guidance only.