DATASHEET

TARGA® II Hollow Fiber Cartridges

10-inch Water Ultrafiltration Cartridges

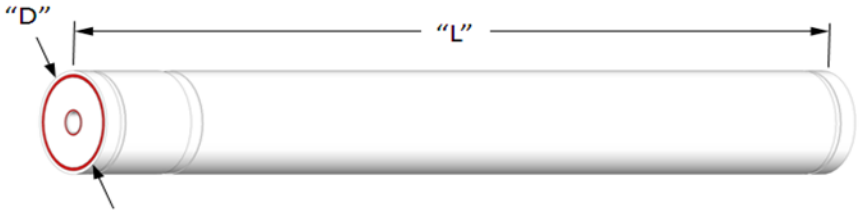
PRODUCT DESCRIPTION	
Membrane Chemistry:	Proprietary Semi-Permeable Polyethersulfone
Molecular Weight Cutoff:	100,000
Housing Shell:	PVC
Fiber Support Netting:	Polypropylene/Polyethylene
Permeate Collection Tube:	PVC
Potting Material:	Proprietary Compound
Membrane Construction:	Hollow Fiber
Storage Solution:	Glycerin/Water

PRODUCT SPECIFICATIONS

Part Number	Model	Fiber Diameter [Inch (mm)]	Membrane Area [ft^2 (m^2)]	Typical Production Range gpm (m^3/hr)
0720708	TARGA II® 10048-35	0.035 (0.9)	554 (51.5)	15.4 - 32.2 (3.5 - 7.4)
0720709	TARGA II® 10072-35	0.035 (0.9)	871 (80.9)	24.2 - 51.4 (5.5 - 11.6)

OPERATING AND DESIGN INFORMATION*	
Maximum Pressure (water):	45 psi (3.0 bar) @ 104º F (40º C) or less
Temperature Range:	32º F (0º C) - 104º F (40º C)
Maximum Production Transmembrane Pressure:	30 psi (2.1 bar)
Maximum Backflush Transmembrane Pressure:	25 psi (1.7 bar)
Allowable pH Range:	1.5 - 13
Maximum Total Chlorine @ 77º F (25º C) or lower:	500 ppm @ pH >10
Typical Cleaning Total Chlorine @ 77°F (25°C) or lower:	200 ppm @ pH >10
Maximum Backflush Total Chlorine @ 77°F (25°C) or lower:	50 ppm @ pH >9

NOMINAL DIMENSIONS



Model	Fiber Diameter (ID)		D		L	
	inches	mm	inches	mm	inches	mm
TARGA II® 10048-35	0.035	0.9	10.75	273	48	1219
TARGA II® 10072-35	0.035	0.9	10.75	273	72	1829

*Dimensions are provided for reference only and should not be interpreted as accurate specifications.

Consultas y ventas: AQUAREP · www.aquarep.com.ar · info@aquarep.com.ar · WhatsApp +54 9 11 6091-0087

STORAGE GUIDELINES

Cartridge Storage Conditions:

New cartridges are impregnated with glycerin. Glycerin should be removed from new cartridges before initial use with a rinse followed by a caustic wash and then a caustic/chlorine wash. See pre-startup cleaning instruction sheet packed with each cartridge shipment.

New cartridges should be stored in their original shipping containers and crates until ready for installation, as follows:

- Indoors, out of direct sunlight.
- At temperatures between 50 – 85 °F (10 – 30 °C).
- At relative humidity below 70%.
- In a horizontal position.

It is best to use new cartridges within one year of shipment. Consult KSS for recommendations for longer term storage.

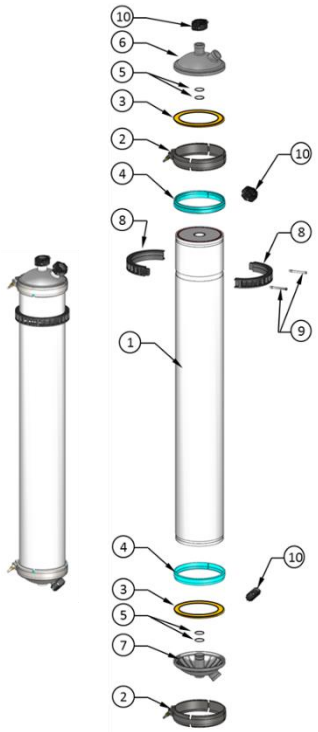
Used cartridges should be cleaned, rinsed and impregnated before storage with one of the following solutions.

- Glycerin @ 80 – 100% (best)
- Phosphoric acid @ pH 2 – 3
- Benzoic acid or sodium benzoate @ 1,000 ppm
- Sodium bisulfite or sodium metabisulfite @ 1,000 – 5,000 ppm

Cartridges stored in sodium bisulfite or sodium metabisulfite should be flushed with clean water and impregnated with fresh solution at six-month intervals. Once impregnated the cartridges should be left on the system with all valves closed or removed from the system and sealed in plastic bags. Storage conditions described above for new cartridges should be used for storage of used cartridges. Cartridges must be drained, rinsed and cleaned after storage per the pre-startup cleaning instruction sheet packed with each cartridge shipment.

CARTRIDGE ASSEMBLY AND COMPONENTS

Item	Description	Required for Single Permeate Removal	Required for Dual Permeate Removal
1	10” HF Cartridge	1 each	1 each
2	10” HF SS Coupling	2 each	2 each
3	10” HF Face Seal	2 each	2 each
4	10” HF K-Ring	2 each	2 each
5	Permeate O-rings	4 each	4 each
6	10” Plastic HF End Cap w Port	1 each	2 each
7	10” Plastic HF End Cap w/o Port	1 each	0 each
8	10” HF End Cartridge Support	2 each	2 each
9	10” HF Cartridge Support Hardware	2 each	2 each
10	2” Groove-End Coupling	3 each	4 each



Process Pass Kits for 10” Cartridge are Available:

10” Plastic Pass Kit for dual permeate removal:
KSS part number 1020560

10” Plastic Pass Kit for single permeate removal:
KSS part number 1004913

The information contained in this publication is believed to be accurate and reliable, but is not to be construed as implying any warranty or guarantee of performance. We assume no responsibility, obligation or liability for results obtained or damages incurred through the application of the information contained herein. Refer to Standard Terms and Conditions of Sale and Performance Warranty documentation for additional information

KOVALUS SEPARATION SOLUTIONS™, LLC.
Main: +1·
For complete contact information and listing of our global locations, visit
©2023 KOVALUS SEPARATION SOLUTIONS™, LLC. All rights reserved worldwide. For related patent and trademark information, visit

Rev

Consultas y ventas: AQUAREP · www.aquarep.com.ar · info@aquarep.com.ar · WhatsApp +54 9 11 6091-0087