

# TARGA<sup>®</sup> II HOLLOW FIBER CARTRIDGES

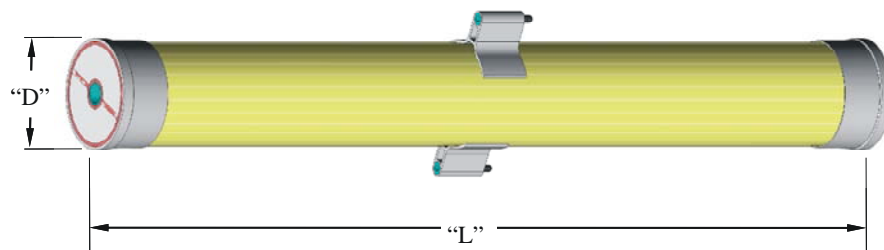
## 8-inch Water Ultrafiltration Cartridges

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

PRODUCT SPECIFICATIONS	Model	Fiber Diameter	Membrane Area	Production Range gpm (m <sup>3</sup> /hr)
	TARGA II 8048-35	0.035 inch (0.9 mm)	346 ft <sup>2</sup> (32.1 m <sup>2</sup> )	9.6 - 20.4 (2.2 - 4.6)
	TARGA II 8072-35	0.035 inch (0.9 mm)	544 ft <sup>2</sup> (50.5 m <sup>2</sup> )	15.1 - 32.1 (3.4 - 7.3)

OPERATING & DESIGN INFORMATION	Maximum Pressure (water):	45 psi (3.0 bar) @ 104° F (40° C) or less
	Temperature Range:	32° F (0° C) - 104° F (40° C)
	Maximum Production Transmembrane Pressure:	30 psi (2.1 bar)
	Maximum Backflush Transmembrane Pressure:	25 psi (1.4 bar)
	Maximum Total Chlorine @ 77° F (25° C) or lower:	500 ppm @ > 9.5 pH

### NOMINAL DIMENSIONS



Model	Fiber Diameter (ID)	D Inches (mm)	L Inches (mm)
TARGA II 8048-35	0.035 inch (0.9 mm)	8.4 (213)	48 (1219)
TARGA II 8072-35	0.035 inch (0.9 mm)	8.4 (213)	72 (1829)

## TARGA® II HOLLOW FIBER CARTRIDGE

### 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.

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

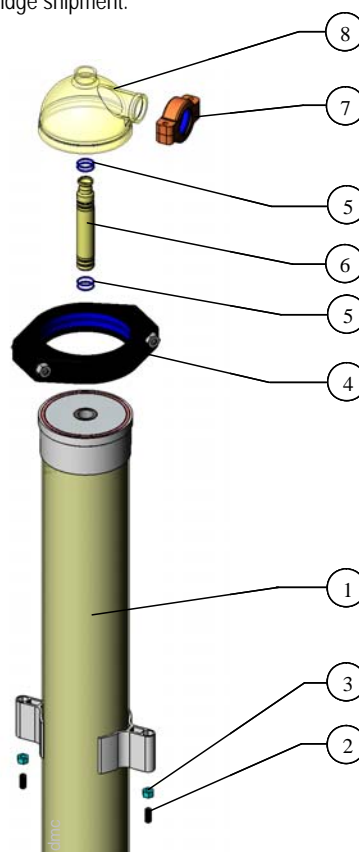
- Glycerin @ 80 – 100% (best)
- Phosphoric acid @ pH 2 – 3
- Benzoic acid or sodium benzoate @ 1,000 ppm
- Sodium bisulfite or sodium metabisulfite @ 1,000 – 5,000 ppm

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 also 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		KMS Part Number
1	8" HF Cartridge	1 each	
2	Leveling Hardware (Screw ½" X 13)	2 each	1002443
3	Leveling Hardware (Nut ½" X 13)	2 each	1002443
4	8" Coupling Set (gasket included)	2 each	0151303
5	O-Ring, Permeate Adapter	8 each	0211022
6	Permeate Adapter	2 each	1002655
7	2" Coupling Set (gasket included)	2 sets	0151304 / 0151261
8	End Cap	2 each	0040213

Kit Process Pass for 8" cartridge – KMS Part Number: 0220158.



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