

ROMICON[®] CARTRIDGE: HF 5043-66-45-XM50

Industrial Hollow Fiber Ultrafiltration Module For Wastewater Treatment

PRODUCT DESCRIPTION

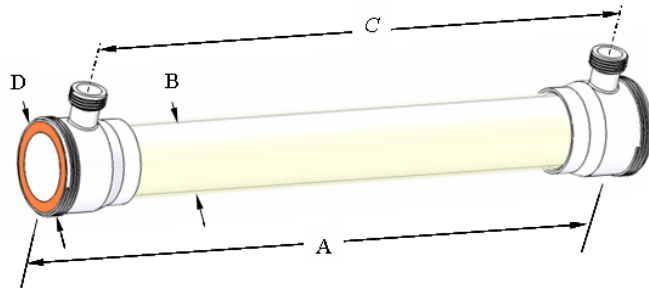
KMS Part Number (KPN):	0720173
Membrane Chemistry:	Acrylonitrile co-polymer
Membrane Type:	XM
Membrane Area:	66 ft ² (6.1 m ²)
Molecular Weight Cut-off:	50,000 Dalton (nominal)
Housing Construction:	Polysulfone
Seal:	Epoxy

OPERATING AND DESIGN INFORMATION*

Maximum Inlet Pressure:	30 psi @ 77°F (2.1 bar @ 25°C)
Maximum Transmembrane Pressure:	25 psi @ 77°F (2.1 bar @ 25°C)
Maximum Operating Temperature (at pH 8.0):	113°F (45°C)
Maximum Permeate Side Back Pressure:	20 psi (1.4 bar)
Maximum Feed Side Pressure Drop:	25 psi @ 113°F (1.7 bar @ 45°C)
Allowable pH:	1.5 – 13.0 @ 113°F (45°C)

* Consult Process Technology Group for specific applications

PRODUCT DIMENSIONS



A	B	C	D	Permeate Connection	Process Connection
inches (mm)	inches (mm)	inches (mm)	inches (mm)		
43 (1092)	5.0 (127)	38 5/8 (981)	6.0 (152)	1 1/2" NPSM	6" NPSM

MEMBRANE INCOMPATIBILITY

Prior to exposing the membrane to any chemical, the chemical should be reviewed by Koch Membrane Systems. Aside from the listed chemicals below, synthetic coolants, semi-synthetic coolants, kerosenes, naphtha, gasoline, floc polymers may affect membrane performance.

Chemicals that should be avoided include the following:

- Aprotic Solvent (e.g., Dimethyl Formamide, Dimethyl Acetamide, N-Methyl Pyrrolidine, etc.)
- Chlorinated Solvents (e.g., Methylene Chloride, Chloroform, Carbon Tetrachloride, etc.)
- Ketones (e.g., Acetone, Diacetone Alcohol, etc.)
- Silicones or Silicone based Defoamers (e.g., Siloxane)

SERVICE AND ONGOING TECHNICAL SUPPORT

Koch Membrane Systems, Inc. has an experienced staff of professionals available to assist end-users and OEMs for optimization of existing systems and support the development of new applications. Along with the availability of supplemental technical bulletins, Koch Membrane Systems, Inc. also offers a complete line of KOCHKLEEN® cleaning chemicals.

LENNTECH

info@lenntech.com Tel. +31-152-610-900

www.lenntech.com Fax. +31-152-616-289

documentation for additional information.
