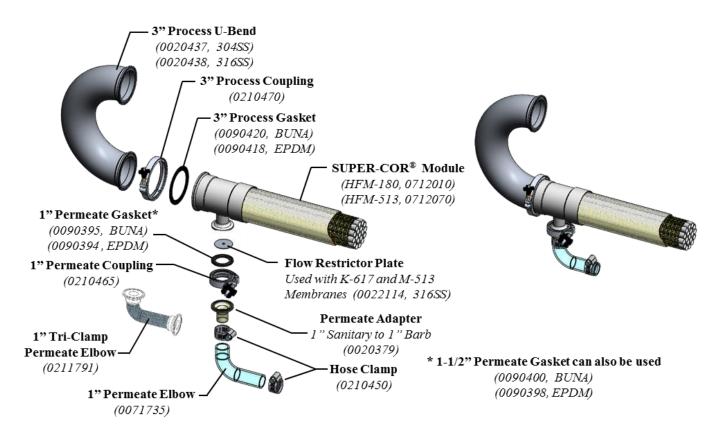


## SUPER-COR<sup>®</sup> ULTRAFILTRATION MODULES

Ultrafiltration Multitube Modules for Juice Processing

PRODUCT DESCRIPTION	Membrane Material: Membrane Type: Molecular Weight Cutoff*: Configuration: Applications: Regulatory Information: Options: * - The nominal separation range and	HFM-513: 500,000 D Nineteen (19) ½" dian Juice processing Compliant with food of EC Reg. No. 1935/20 HFM-180 membrane HFM-513 for all juice	altons meter tubules in a polysulfone shell contact regulations per US FDA CFR Title 21, 004 and EU Reg. No. 10/2011 for light juices
	being processed and on several other operating parameters. This information should, therefore, be used as a guide only		
SPECIFICATIONS	Part Numbers Mo	del	Membrane Area ft <sup>2</sup> (m <sup>2</sup> )
		R <sup>®</sup> 3010-HFM-180 R <sup>®</sup> 3010-HFM-513	24 (2.2) 24 (2.2)
OPERATING AND DESIGN INFORMATION*	Maximum Operating Pressure: Minimum Outlet Pressure: Maximum Permeate Pressure: Typical Feed Side Pressure Drop Per Module: Maximum Feed Side Pressure Drop Per Module: Maximum Operating Temperature at pH 8: Allowable pH Range at 120°F (49°C): Maximum Chlorine (cleaning): * Consult KMS Process Technology Group for specific applications.		90 psi @ 120°F (6.2 bar @ 49°C) 10 psi (0.7 bar) 3 psi (0.2 bar) 4-5 psi (0.27-0.35 bar) e: 5 psi @ 120°F (0.35 bar @ 49 °C) Continuous 120°F (49°C) Short term 130°F (54°C) Continuous 2.0 – 10.0 Short term 1.5 – 10.5 200 ppm @ pH 10-10.5, 120°F (49°C)
NOMINAL DIMENSIONS	1" Sani	5	nitary 6" (152 mm) 3.6" (91mm) Ø
	info@lenntech.	ENNTECH com Tel. +31-152-6 com Fax. +31-152-6	

## SUPER-COR® TUBULAR MODULE ASSEMBLY



## Service and Ongoing Technical Support:

Koch Membrane Systems (KMS) has an experienced staff of professionals available to assist end-users and OEM's for optimization of existing systems and support with the development of new applications.

## **KMS Capability**

KMS is the leader in crossflow membrane technology, manufacturing reverse osmosis, nanofiltration, microfiltration, and ultrafiltration membranes and membrane systems. The industries we serve include food, dairy, beverage, automotive, water and wastewater, chemical, and general manufacturing. KMS adds value by providing top quality membrane products and by sharing our experience in the design and supply of thousands of crossflow membrane systems worldwide.

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