

Hollow Fiber Ultrafiltration Membrane Elements

- ◆ Ideal for Pre-Treatment to Reverse Osmosis
- ◆ Can be used in Standard RO Housing with Filtrate Connector Kit (sold separately)
- ◆ Reliable Rejection of Microorganisms and Viruses
- ◆ Excellent Quality of Filtrate
- ◆ Easy Installation and Handling
- ◆ Housing, Filtrate Tube, Filtrate Connectors: PVC-U, White
- ◆ Maximum Trans-membrane Pressure[†]: 43.5 psi (3 bar)
- ◆ Temperature Range: 32°F to 104°F (0°C to 40°C)



Part Number	Size (Dia. x Length)	Membrane Type	Est. Flow [†] (gpd)		Membrane Area	
			Min	Max	sq. ft	m ²
M-U2514HF09	2.5" x 14"	Hollow Fiber 0.9	108	324	5.4	0.5
M-U2521HF09	2.5" x 21"	Hollow Fiber 0.9	220	660	11.0	1.0
M-U4021HF15	4" x 21"	Hollow Fiber 1.5	388	1,164	19.4	1.8
M-U4021HF09	4" x 21"	Hollow Fiber 0.9	540	1,620	27.0	2.5
M-U4040HF15	4" x 40"	Hollow Fiber 1.5	860	2,580	43.0	4.0
M-U4040HF09	4" x 40"	Hollow Fiber 0.9	1,300	3,900	65.0	6.0

† Design Notes:

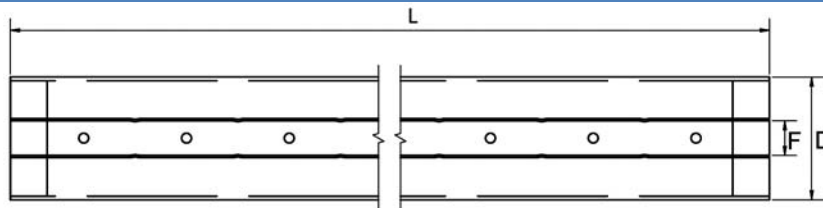
1. Individual UF modules can be configured in parallel to provide increased system capacities.
2. The individual UF module flow ranges depend upon the source water quality and pretreatment. Consult with AMI for specific design flow rates for a specific application.
3. To avoid mechanical damage, do not subject the membrane to sudden temperature changes (>1°C/min) or water hammer

FILTRATE CONNECTORS FOR UF MEMBRANES

Our hollow fiber UF membranes can be used in standard housings with the appropriate Filtrate Connector Kit as listed below. Please choose the appropriate connector kits below to adapt the hollow fiber elements to the vessel you will be using. (Two connectors are required per pressure vessel.)

Part Number	For HF UF Membrane	Sold As:	For Pressure Vessel
FC25 (EP-0052)	2.5" Diameter (M-&2514HF09 & M-U2521HF09)	2 per Kit	Standard AMI/FilmTec Style 2.5" Dia.
AD-40HF	4" Diameter (M-U4021HF* & M-U4040HF*)	Individually	Standard AMI/FilmTec Style 4" Dia.

MEMBRANE ELEMENT DIMENSIONS



Model No.	Length (L)		Diameter (D)		Filtrate Connection ID (F)		Shipping Weight (Wet)
	inches	mm	inches	mm	inches	mm	
M-U2514HF09	11.8	300 ± 1.5	2.40	61	0.67	17.0	0.9 lbs
M-U2521HF09	18.7	475 ± 1.5	2.40	61	0.67	17.0	1.6 lbs
M-U4021HF15, 09	18.7	475 ± 1.5	3.94	100	1.12	28.4	5.0 LBS
M-U4040HF15, 09	37.8	960 ± 1.5	3.94	100	1.12	28.4	10 LBS