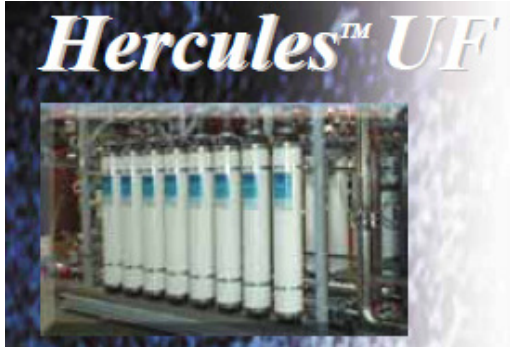


Ultra-Filtration Systems



Standard Features

- Hollow-Fiber or Ceramic UF Membranes
- Many MWCO and Micron Ratings Available
- Stainless Steel Pumps, Valves, Pressure Gauges
- Corrosion-Resistant Piping
- 60Hz/230V-460V, 3-phase TEFC motor
- Automatic Backwash System (Hollow-Fiber only)
- Filtrate and Concentrate Flowmeters
- Total Automatic Operation with PLC Control
- Self-backwashing Sediment Strainer
- Turbidity Meter

Optional Features

- Chemical Dosing System
- Clean-in-Place System
- TDS, pH, Temperature Instruments
- Special Color or Private Label
- 50Hz Motor

System Specifications

MODEL	PRODUCTION GPD	m3/D	SYSTEM CONFIGURATION				APPROXIMATE SHIPPING DIMENSIONS			APPROXIMATE SKID DIMENSIONS		
			RECOVERY (%)	NUMBER AND SIZE ELEMENTS	MOTOR		(LxWxH) (Inches)	(LxWxH) (cm)	WEIGHT (lbs/Kg)	(LxWxH) (Inches)	(LxWxH) (cm)	WEIGHT (lbs/Kg)
HERC-UF-6-HF	7,200	27	96	4 (4" x 40")	8	4.4	124 x 40 x 72	316 x 102 x 183	1176/534	108 x 32 x 80	274 x 81 x 162	876/388
HERC-UF-10-HF	14,400	56	96	7 (4" x 40")	8	4.4	120 x 60 x 72	316 x 127 x 183	1300/581	108 x 42 x 80	274 x 98 x 162	1000/456
HERC-UF-15-HF	21,800	82	96	2 (8" x 40")	8	4.4	188 x 60 x 72	427 x 127 x 183	1476/670	168 x 42 x 80	398 x 98 x 162	1160/523
HERC-UF-20-HF	28,800	109	96	2 (8" x 60")	10	8	188 x 80 x 72	427 x 162 x 183	1700/773	168 x 62 x 80	398 x 132 x 162	1360/614
HERC-UF-30-HF	43,200	164	96	3 (8" x 40")	10	8	188 x 80 x 72	427 x 162 x 183	1800/884	168 x 62 x 80	398 x 132 x 162	1660/705
HERC-UF-45-HF	84,800	246	96	4 (8" x 60")	10	8	188 x 80 x 72	427 x 162 x 183	2100/966	168 x 62 x 80	398 x 132 x 162	1760/786
HERC-UF-60-HF	88,400	327	96	6 (8" x 60")	10	8	228 x 60 x 84	678 x 162 x 213	2900/1318	218 x 48 x 72	648 x 122 x 183	2600/1138
HERC-UF-75-HF	108,000	409	96	7 (8" x 40")	16	11	228 x 60 x 84	678 x 162 x 213	3460/1688	218 x 48 x 72	648 x 122 x 183	3060/1388
HERC-UF-90-HF	129,800	481	96	8 (8" x 40")	16	11	228 x 74 x 84	678 x 188 x 213	4060/1841	218 x 62 x 72	648 x 157 x 183	3800/1838
HERC-UF-110-HF	168,400	600	96	10 (8" x 60")	16	11	228 x 74 x 84	678 x 188 x 213	4800/2091	218 x 62 x 72	648 x 157 x 183	4160/1888

MODEL	PRODUCTION GPD	m3/D	SYSTEM CONFIGURATION				APPROXIMATE SHIPPING DIMENSIONS			APPROXIMATE SKID DIMENSIONS		
			RECOVERY (%)	NUMBER AND SIZE ELEMENTS	MOTOR		(LxWxH) (Inches)	(LxWxH) (cm)	WEIGHT (lbs/Kg)	(LxWxH) (Inches)	(LxWxH) (cm)	WEIGHT (lbs/Kg)
HERC-UF-6-C	7,200	27	100	5	1	0.75	124 x 40 x 72	316 x 102 x 183	1176/534	108 x 32 x 80	274 x 81 x 162	876/388
HERC-UF-10-C	14,400	56	100	10	2	1.6	120 x 60 x 72	316 x 127 x 183	1300/581	108 x 42 x 80	274 x 98 x 162	1000/456
HERC-UF-15-C	21,800	82	100	14	3	2.2	188 x 60 x 72	427 x 127 x 183	1476/670	168 x 42 x 80	398 x 98 x 162	1160/523
HERC-UF-20-C	28,800	109	100	18	5	4	188 x 80 x 72	427 x 162 x 183	1700/773	168 x 62 x 80	398 x 132 x 162	1360/614
HERC-UF-30-C	43,200	164	100	28	7.5	6.5	188 x 80 x 72	427 x 162 x 183	1900/884	168 x 62 x 80	398 x 132 x 162	1660/705
HERC-UF-45-C	84,800	246	100	42	10	7.5	188 x 80 x 72	427 x 162 x 183	2100/966	168 x 62 x 80	398 x 132 x 162	1760/786
HERC-UF-60-C	88,400	327	100	66	16	11	228 x 60 x 84	678 x 162 x 213	2900/1318	218 x 48 x 72	648 x 122 x 183	2600/1138
HERC-UF-75-C	108,000	409	100	88	20	16	228 x 60 x 84	678 x 162 x 213	3460/1688	218 x 48 x 72	648 x 122 x 183	3060/1388
HERC-UF-90-C	129,800	481	100	83	26	18.5	228 x 74 x 84	678 x 188 x 213	4060/1841	218 x 62 x 72	648 x 157 x 183	3800/1838
HERC-UF-110-C	168,400	600	100	101	30	22	228 x 74 x 84	678 x 188 x 213	4800/2091	218 x 62 x 72	648 x 157 x 183	4160/1888

Design Assumptions: Feed water of up to 500 ppm Tss @ 25c, Turbidity , 15 NTU
Flow Rate, flux, and recovery in accordance with Membrane manufacturer's recommendations

System Design Characteristics are related to Feed Water Conditions and Project requirements . The above chart reflects a standard sample approach to Ultra-filtration technology.

Contact our Application Engineers to Custom Design a Solution for your Project.