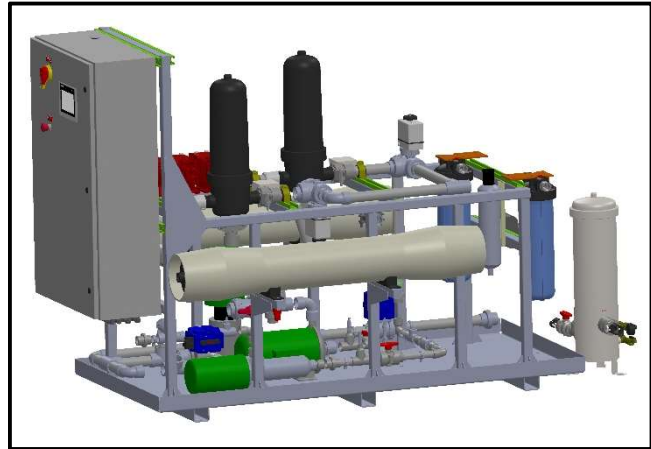
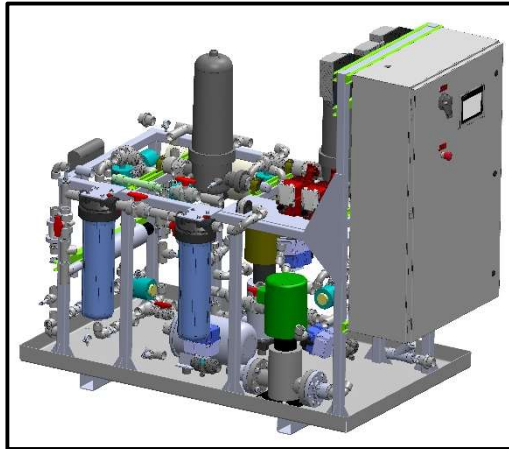


Microfilter and Ultrafilter Skid Systems Datasheet



Ideal for protecting reverse osmosis systems, our standard MF or UF skids exclusively use PPG Industries Spiral Wound Membranes as our polishing filtration elements with auto backwashing pre-filters as a standard feature. Systems are fully inclusive with process pump, backwash pump, prefiltration, and MF/UF membranes. A standard system also adds on an anionic/cationic DOE filter element to ensure that your Silt Density Index is below a 5 at all times along with UV disinfection, and antifoulant injection. We offer two standard designs – 5,000 & 10,000 GPD with full PLC control and optional remote login capabilities. With our GRY option, our skids can also be used for gray water reuse applications. Custom manual and automatic designs available by request.

Physical Characteristics & Product Numbers	
System Size	6' wide x 7' high x 7-10' long
System Weight	2,000 pounds dry
Filtration Process	Pre-filters (100 & 5 micron) to MF/UF, polishing filters and chemical injection; fully mechanical filtration solution on one skid
LWR5K – 5,000 GPD Nominal System (3-7 GPM)	
LWR10K – 10,000 GPD Nominal System (8-12 GPM)	
Options:	
REM – adds remote monitoring capability	
GRY – adds chlorine injection pump	
Electrical	
Voltage / Frequency / Type	480 VAC, 60 Hz, 3 Phase Or 208-240 VAC, 60 Hz, 3 Phase Single Phase and European (50 Hz) Power available on request
Breaker Size	20 to 50 Amps, 3 Ø
Water Characteristics	
Influent Water	Ground Water / Gray Water / Brackish Water
Influent Temperature	120 (max) °F
System Interconnections	
Water Connections	1-1/2" or 2" Unions or Cam-Lok Connectors
Electrical Connection	Twist-lock Plug or flying leads