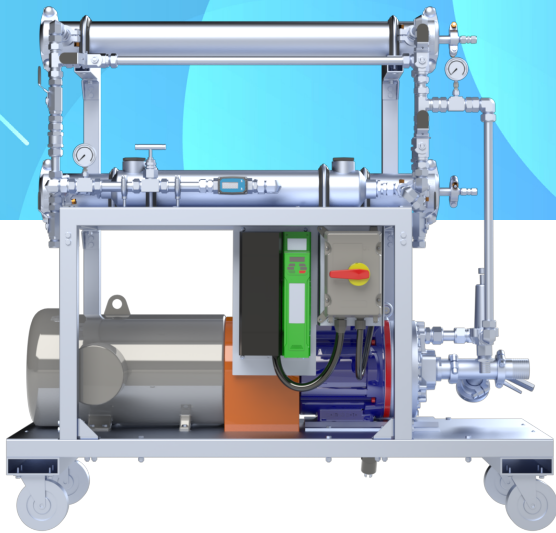
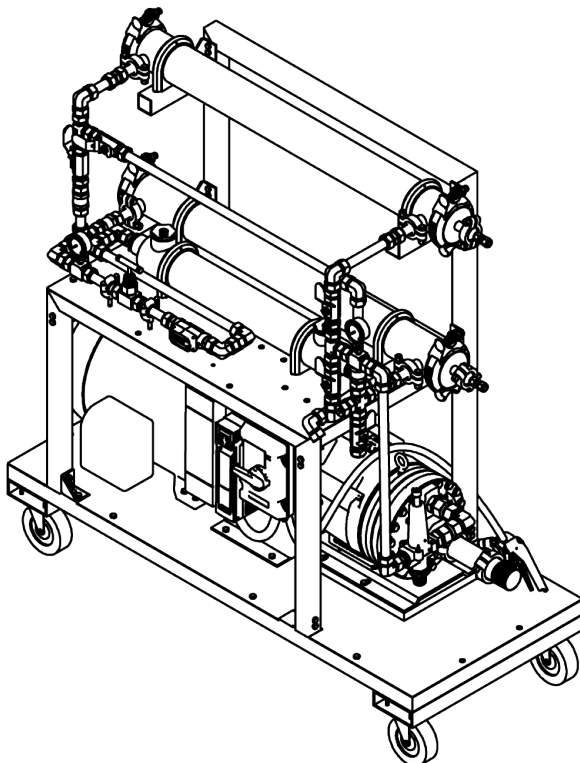




The Production Skid allows for filtration at a full range of flows and pressures for 4040 spiral-wound elements. This high-capacity system is manually operated and achieves flow rates of up to 34 GPM and 1000 PSI, for operation from MF to RO. The skid features two selectable configurations:

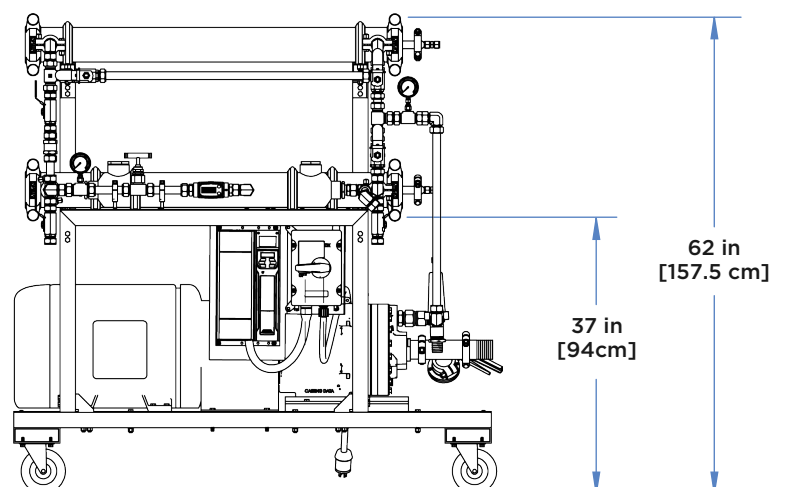
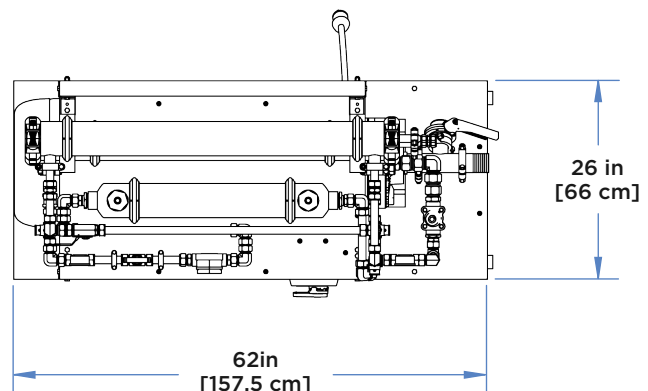
- **Series:** For maximum output with 15+ m² of active membrane area.
- **Parallel:** For independent manual operation of a multistage membrane process.

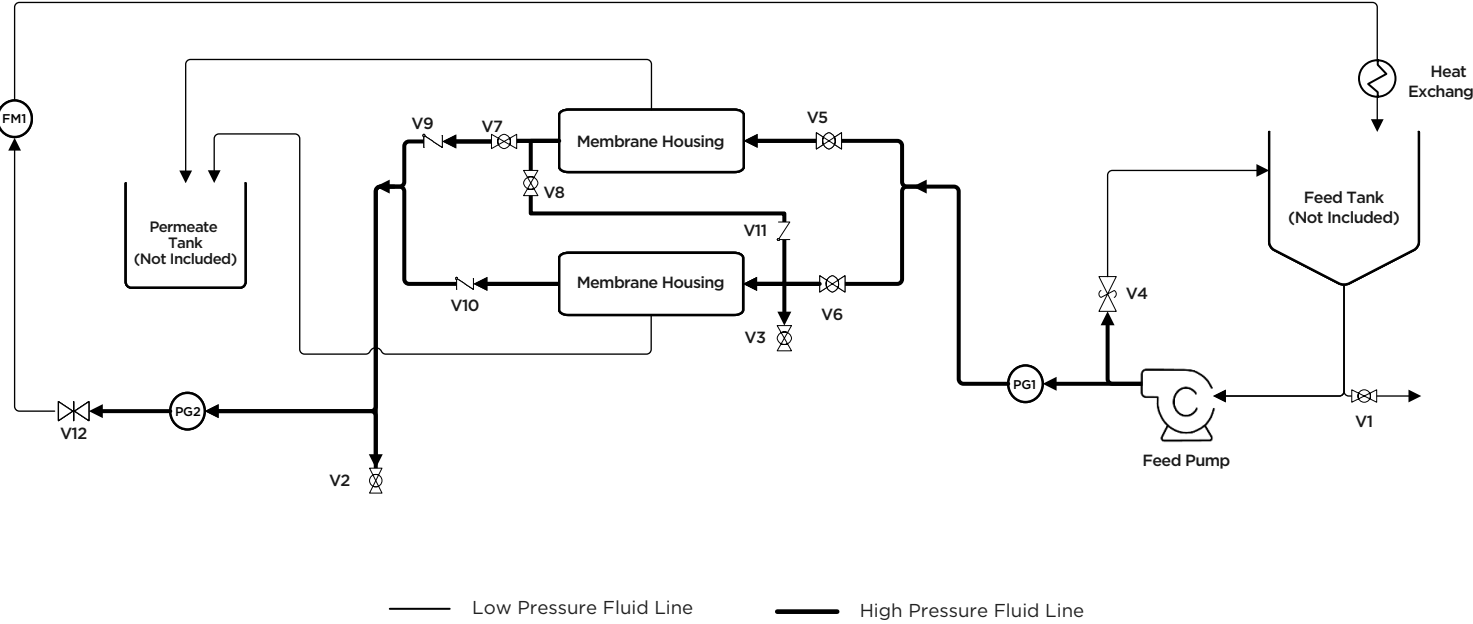


Specifications

Cell Type	2x 4040 Housings
Configuration	2 Lines, Series or Parallel
Feed Flow Rate	129 LPM (34 GPM)
Max Pressure	69 bar (1000 PSI)
Max Temperature	82°C (180°F)
Electrical Supply	460V, 50/60 Hz, 3 Ph
Pump and Motor	Hydra-Cell Diaphragm Pump Leeson Washdown Motor

System Dimensions





Production Filtration Skid P&ID

Legend	
V1	System Drain Valve (Tank)
V2	System Drain Valve (Concentrate)
V3	System Drain Valve (Feed)
V4	Feed Line Pressure Relief Valve
V5	Bank Selector Valve #1
V6	Bank Selector Valve #2
V7	Parallel Selector Valve
V8	Series Selector Valve
V9	Back Flow Preventer Valve #1
V10	Back Flow Preventer Valve #2
V11	Back Flow Preventer Valve #3
V12	System Pressure Control Valve
PG1	Feed Pressure Gauge
PG2	Concentrate Pressure Gauge
FM1	Concentrate Flow Meter