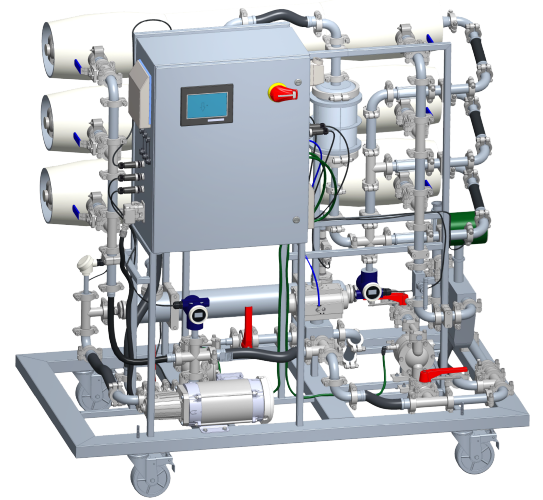
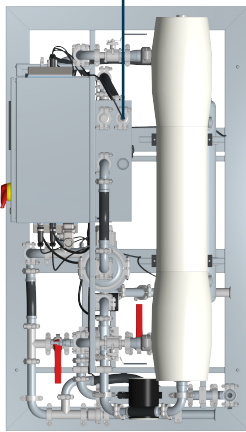


ETH-REC-50 Recovery Membrane

A revolutionary membrane recovery system that removes bottlenecks and recovers 50 gallons of ethanol per hour. The **ETH-REC-50** requires minimal energy, is almost completely automated, and can be paired with any evaporator.



FFE Connection



Top view

IMMEDIATE OPEX REDUCTION

| \$ 110,000 Total Price | 2 Falling Film Evaporators | ETH-REC-50 |
|-------------------------------|----------------------------|-----------------|
| Rate of Recovery | 50-60 gph | 50 gph |
| Avg Energy Consumption | 53 kW | 7 kW |
| Avg Hourly Cost* | \$8.96/hr | \$1.18/hr |
| Recovery per \$1 OPEX* | 6.7 gallons/\$ | 42.4 gallons/\$ |

*Based on \$0.169/kwh

DIMENSIONS: 70" X 38" X 69.5"

POWER: 3-PHASE, 480V, 8 AMPS

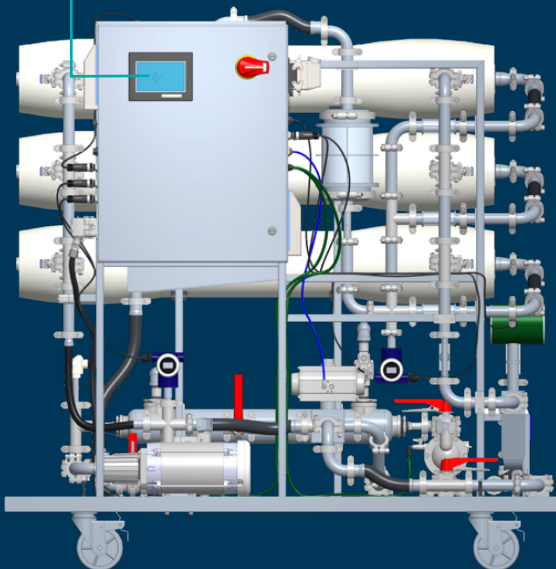
AIR: 20 SCFM @ 30 - 60 PSI

FEATURES:

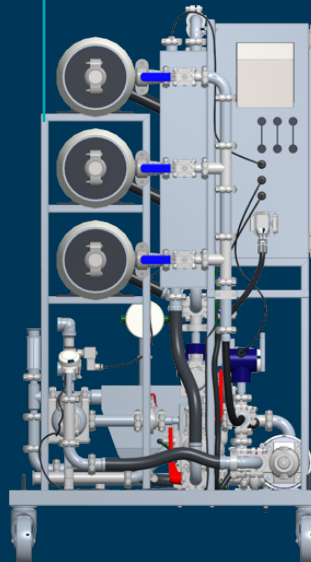
- Removes up to 95% of ethanol
- Rapidly reduce solution to a 5:1 ratio
- Closed loop system
- UL 508a control panel
- Remote monitoring of pressure & flow
- Programmable pressure control
- Built-in heat exchanger
- Stainless steel wetted parts
- No chilling required

\$110,000 ETH-REC-50 Recovery Membrane

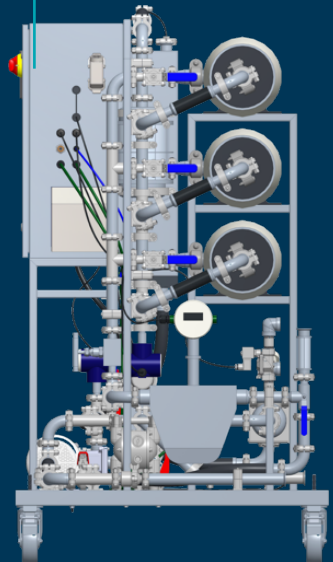
Touchscreen control panel



State of the art sensors to program and monitor all variables



Isolation valves allow operation during maintenance



Easily paired with an Ethos Extraction System



10 BBL TANKS



CENTRIFUGE



FILTER SKID



PUMP SKID