

150 gph Add-On Ethanol Recovery System

Specs and Benefits



150 Gallon per Hour Add-On Ethanol Recovery System



- Remove 90 95% of ethanol
- Very low energy consumption
- 20 amps for 150 gph recovery



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- Integrates with Falling Film, Rising Film, RotoVap, or Auto Vap final stage recovery unit
- Immediate margin improvement
- Automated pressure and temperature controls via HMI
- Integrated heat exchanger



150 Gallon per Hour Add-On Ethanol Recovery System OPEX Comparison*

	4 Falling Film Evaps	Ethos Add On Recovery
Avg Recovery Rate	160 gph	150 gph
Avg Annual OPEX	\$120,000	\$46,000**
Avg Monthly OPEX	\$10,000	\$3,800
Recovery per \$1 OPEX	11.5 gallons	28.4 gallons

*Estimates based on 24/7 processing with \$0.10 kwH electrical cost, average biomass and results may vary depending on various factors. **Includes consumable membranes.





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REQUIREMENTS / ADDITIONAL INFO:

- 3-phase, 480v, 20 amp breaker
- Compressed air: 40 scfm @ 60 psi
- 200,000 BTU hot water heater for heat exchanger
- Footprint: 150" L x 44" W x 48" H

Ethos MANUFACTURING

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