

# ASE 100 SOLVENT EVAPORATOR

**PRECISION**  
EXTRACTION SOLUTIONS

By AGRIFY

**98.6%**  
Ethanol Recovery\*



## ASE 100 SOLVENT EVAPORATOR

The ASE 100 Solvent Recovery System was constructed for the cannabis and hemp industries to solve a myriad of issues faced by traditional methods of solvent recovery. It's easy-to-use interface and proprietary recovery method offer optimal recovery without the need for more rotary evaporators, keeping efficiency high and operating costs low.

With recovery rates of up to 100 liters per hour of ethanol recovery\*, the ASE 100 replaces the need for multiple rotary evaporators and operators with one easy-to-use system. The system is fully programmable via a separate PLC unit connected to a C1D1 approved tablet, all of which can be monitored remotely via a cloud connection. Remote access allows the operators to view and control the speed of the motors and pumps, as well as viewing and data logging the performance metrics.

### SYSTEM HIGHLIGHTS



**PROPRIETARY METHOD**  
Designed for Optimal Efficiency



**CONTINUOUS FEED**  
Solvent Evaporator & Recovery System



**PLC CONTROLLED**  
Tablet & Remote Monitoring Capabilities



**C1D2 COMPLIANT**  
& Engineer Peer-Reviewed



**FIELD VERIFICATION INCLUDED**

# ASE 100 SOLVENT EVAPORATOR

**PRECISION**  
EXTRACTION SOLUTIONS

By AGRIFY™

## Reduce Solvent Waste

- Superior rising cyclonic evaporation technology
- Continuous feed solvent evaporator & recovery system
- Highly durable, long lasting design
- PLC controlled with tablet and remote monitoring capabilities
- Full human-machine interface with touch screen
- Professional engineer stamped and approved
- Designed, engineered and built in the USA



Recovery Rate:  
**98.6%\***

Recovery For:  
**Ethanol, Heptane and Methanol Solvents**


Evaporation Rate:  
**Up to 100L per Hour\***

Heating:  
**Electric, Capacity 18kW**

Cooling:  
**Chiller or Process Water**

## Equipment Specifications

<b>Dimensions</b> (approx.)	78" L x 35" W x 88" H
<b>Control Panel Dimensions</b> (approx.)	36" L x 17" W x 88" H
<b>Evaporation Method</b>	Centrifugal
<b>Occupancy Classification</b>	F-1, H
<b>Throughput Capacity</b>	10L Crude Oil per Hour (@10/1 Solvent to Crude Ratio)
<b>Warranty**</b>	One-Year

Power 	
<b>Total Power Consumed</b>	40kW, 480 VAC, 3-Phase
<b>Full Load Steady State Power</b>	31kW

## Compliance



- PSI Certified in All 50 States
- UL 508A Panel
- Class 1, Division 2 Compliant
- Engineer Peer Reviewed

### CRN Registered in Ontario

**Heat Exchanger** OH22007.5

**The end user shall consult with their local regulatory authority prior to start-up to ensure local piping requirements of the installation are met.**

Please inquire with our Sales Team as to the status of other pending Canadian Province approvals.