



AV300

AUTOVAP™ SERIES

AUTOMATED SOLVENT RECOVERY SYSTEMS



UP TO 300 US GAL/HR*
(1135 LITERS) Per Hour Recovery



COMPLETE AUTOMATION
Easy to Read Display



95-99% SOLVENT RECOVERY
Precise Parameters/Control



LOW RESIDENCE TIME
Less than 3 Minutes



CID2 COMPLIANT
Hazloc Motors & Intrinsically Safe HMI



PEER ENGINEER REVIEWED
Streamlined Safety Approval Process



UL 508B COMPLIANT
US & Canada



MADE IN USA
Highest Standard of Quality & Testing

LARGE-SCALE AUTOMATED SOLVENT RECOVERY

With a recovery rate of up to 300 gallons per hour, and continuous, automated operation, the AV300 recovers 95%+ solvent on the first pass.

Lower your footprint, costs, and time of operation while eliminating any bottlenecks with the AutoVap. Find out why all the leaders in the extraction industry are turning to TruSteel.

CONDENSING PREHEATER

The AV300 recovers heat from evaporation and uses it to preheat the feed stock. It also uses the temperature differential of the feed liquid to partially condense the vapor from evaporation. Colder feed stock will increase the performance, and allows the energy required to achieve subzero temperatures to be recovered and reused.

STANDARD FEATURES

- Up to 300 US Gal/HR Recovery*
- 95–99% Removal 1st Pass
- <3 Minute Residence Time
- Fully Automated Operation
- Fail Safes, Alarms, Data Logging, Remote Control
- Material: Stainless Steel, PTFE, & Borosilicate
- Compatible With: Ethanol, Methanol, Heptane, Hexane, Acetone, Acetonitrile
- UL Listed Ancillary Equipment Included: Heating System, Cooling System, and Vacuum
- Solvent Resistant Touch Screen
- Engineer Reviewed for Safe Operation in Hazardous Locations
- USA and Canadian UL 508B Listed
- Installation, Training & Support Included
- 1 Year Warranty

TOTAL AMPERAGE

Facility Power	480V
Phase	3Ø
Total Amps (ELECTRIC HEATER)	662
Total Amps (GAS HEATER)	306



SPECIFICATIONS

CHILLER (80 TON COOLING POWER)
 460V/3Ø/156A
 181 x 86 x 85 (LxWxH inches)
 6279 lbs. (empty weight)

COMPRESSED VAPOR RECOVERY
 Powered by PLC

WATER HEATER SKID
 72 x 96 x 48 (LxWxH inches)

WATER PUMP CONTROL PANEL
 230–240V/3Ø/28A

OPTION 1: ELECTRIC
 480V/3Ø/362A

OPTION 2: GAS
 1.2M BTU
 2" GAS CONNECTION

CONTROL PANEL [PLC]
 208–240V / 3Ø / 30A
 8 x 36 x 48 (LxWxH inches)

AV300 FOOTPRINT
 36 x 75 x 126 (LxWxH inches)

*Different solvents may result in varied recovery rates.