



The **Resolv-r 2<sup>®</sup> ECO model** solvent recyclers available in 37, 53, 105, and 160 gallon capacities are certified to ATEX II 2G Explosion Proof Standard. The operation is user controlled through the 8-bit micro processor with digital touch screen providing choice of automatic, timed or multiple cycle. The digital display allows the operator to monitor cycle progress including maintenance advisories.

The reclaiming equipment consists of two interconnected units; the primary where evaporation takes place is connected to the secondary unit where the diathermic oil is heated and circulated throughout the system. The solvent vapor is condensed in this unit as well. Features include the following: Automatic loading of waste solvent with level load sensor to prevent overload condition. Push button residue removal is accomplished by use of the pneumatic discharge valve on the bottom of the boiling tank. At the end of cycle the diathermic oil is transferred out of the distillation chamber for fast cool down and speedy residue removal. This function also keeps the oil hot for quicker subsequent batches with no machine cool down time.

The ECO models 122, 202 and 400 are equipped with either air or water cooled condensers (model 600 is water cooled only) and they can be combined with appropriate sized electric, pneumatic or liquid ring vacuum units for recovery of high boiling solvents.



# RESOLV-R 2<sup>®</sup>

## Solvent Recyclers Model ECO





# Resolv-r 2<sup>®</sup> ECO Models

## Technical Information

- **ATEX II 2G** explosion proof electric.
- **Touch screen controlled** 8 bit digital microprocessor.
- **Air cooled condenser** in either copper or stainless steel. Water cooled upon request.
- Pneumatic, electric or liquid ring **vacuum systems** available for high boiling solvents.
- **Recirculating** diathermic heat transfer oil for more efficient heating.
- **Teflon coated** 304 stainless steel boiling tank.
- **Automatic** loading system with level load sensor.
- **Pneumatically operated** 3" residual discharge valve with optional fume extraction system.
- **Cycle time** approximately 4 hours.



## Technical Data and Features

Model	ECO 122	ECO 202	ECO 400	ECO 600
Tank Capacity	37 gallons	53 gallons	105 gallons	160 gallons
Power Supply	460 volt 3 phase			
Rated Power	12 kW	15 kW	27 kW	36 kW
Amperage	15 amps	19 amps	34 amps	45 amps
Operating Temp.	50°-200° C			
Max. Safety Temp.	230° C			
Diathermic Oil Qty.	18.5 gallons	21 gallons	32 gallons	42 gallons
Cooling:				
Ventilated by forced air / >70db	Standard	Standard	Standard	N/A
Water cooled 4.4 gpm @ 10°-15° C	Optional	Optional	Optional	Standard
Weight	988 lbs.	1,033 lbs.	1,633 lbs.	2,094 lbs.
Dimensions	99" L x 39" W x 87" H	99" L x 39" W x 87" H	118" L x 51" W x 95" H	126" L x 59" W x 102" H