

Rapid Imaging Solvent Management RI 80 Recovery Unit



The RI 80 Solvent Recycler features rapid-start direct electric heating of solvent and a short cool-down time due to high-efficiency condensers and air cooling with a motor driven fan.

- › RI80 is our midsize unit
- › Recycles a minimum of two 55 gallon drums per week
- › Runs 20 gallons at a time
- › Running one 20 gallon batch per day, equals two 55 gallon drums per week (this machine will run 3 drums per week if needed)
- › Average recycle time is 5-10 hours, start to finish
- › Solvent Transfer: Auto-transfer, in and out
- › Heater: Explosion Proof, Sealed, Direct Heating
- › Heater: 5000 Watts
- › Power Supply: 220 Volts, 30 Amps, single-phase, Air 100 psi
- › Footprint: 47"x27"x50" (WDH)
- › Weight: 450 LB

Customer Advantages for In-House Distillation

1. Units are very small
2. Extremely simple to run
3. ROI is less than one year in most instances
4. 95% reduction in drum handling, no more moving drums in and out of your facility
5. The dirty drums never moves
6. 90% recovery rate, meaning the clean drum is replaced approximately every 10 cycles.
7. No more waiting for distilled solvent
8. No more shipping costs for dirty solvent
9. Improves plate quality by running cleaner
10. Improves productivity
11. Environmentally friendly

Work Flow for Distillation Units

A sophisticated micro-processor controls the work flow described below.

1. Used solvent is transferred to the distillation tank of the recycler.
2. Heat from the heating element vaporizes the solvent, leaving the residue in the tank for later removal.
3. Clean recycled solvent vapor cools as it flows through the air cooled condenser to the receiving container.
4. Clean recycled solvent is transferred to a drum for reuse.

For more information, please contact us at:

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