

Looking after your Solvent Recycler

Solvent recyclers are equipment designed to recover and reuse solvents, providing a cost-effective and environmentally friendly solution for businesses that generate solvent waste.

To ensure these machines operate smoothly and efficiently for many years, regular maintenance and housekeeping are essential. **Here are some key maintenance tips for solvent recyclers:**



1 Lid Gasket Care

The lid gasket is a critical component that prevents solvent fumes from escaping during the distillation process. It's important to avoid exposing the gasket to hot solvent fumes by opening the lid too soon after a distillation cycle. If the gasket comes into contact with solvent splashes, promptly wipe them off. Keeping the lid gasket clean and free from solvent residue will help maintain its effectiveness and prevent potential leaks.

2 Condenser Exterior Cleaning

The condenser is responsible for cooling the solvent vapours and turning them back into liquid form. Periodically, use an air duster gun to blow down the condenser's exterior. This action will remove any dust or debris that could obstruct the cooling airflow and reduce the efficiency of the condensation process.

3 Heat Transfer Oil Change

The solvent recycler uses heat transfer oil to facilitate the distillation process. Over time, the efficiency of the heat transfer oil decreases with usage. It's essential to change the heat transfer oil according to the manufacturer's recommended schedule. For IST machines, this is typically every 1000 hours of operation, and for UNIC Powerclean machines, it's every 500 hours. The oil change procedure involves removing the drain plug, draining the old oil, replacing the plug, and refilling the system with fresh oil. Regular oil changes ensure optimal performance and prevent potential issues that may arise due to degraded heat transfer efficiency.



By following these maintenance tips and performing regular housekeeping tasks, solvent recyclers can provide trouble-free service and help businesses save costs on solvent consumption while promoting environmental sustainability through solvent recycling and reuse.