



CB70CE, INDUSTRIAL SOLVENT RECYCLER

The CB70CE solvent recycler effectively reclaims used solvent for reuse and segregates solid waste like paint for disposal. With a **Uni-ram** solvent recycler the operation becomes “Greener”. The facility can improve its Waste Generator Status with Environmental Agencies as used solvent transported off site is reduced by approximately 90%.

FEATURES

- Batch process, 75 L capacity.
- Recycles in 8-15 hrs. typically.
- Voltage: 220-240V, single phase.
- Construction: 18 gage, 304 stainless steel cabinet.
- Distillation Tank: 316 Stainless steel.
- Cooling: High efficiency 316 stainless steel condenser with motor driven fan.
- Waste Collection: The waste is collected in a high temperature nylon bag. Teflon bags are available.
- Dimensions: 107cm w x 58cm d x 119cm h
- Solvent Transfer: Transfer in/ out by timer.
- Control System: Operational control and continuous monitoring by sophisticated micro-processor with status messages. Self test mode.

**WITH NEW
PATENTED
AUTO LID-LOCK**

SAFETY

- ATEX and IECEx certified; Ex d ib 11A T2 Gb
- Control System: A microprocessor continuously monitors and controls the work flow. Self diagnostics.
- **New, patented safety Auto Lid-lock system** automatically locks the safety cover in place when recycling starts, preventing the operator and others from inadvertent exposure to hot surfaces. The cover remains locked until the solvent recycler has cooled to a safe 50 degrees C.
- Pressure Relief System: Prevents pressure build up over 3-5 PSI.

Solvent purchases typically drop by approximately 90% and the waste hauling charge also drops by approximately 90%. The 10% waste from recycling is considered hazardous unless the Disposal Service advises otherwise. Cost savings are shown on the next page.



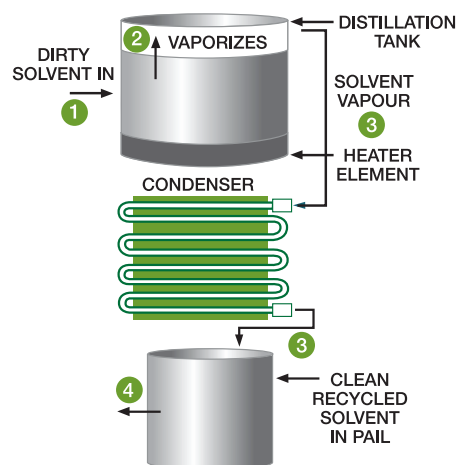
APPLICATIONS include:

- reclaim lacquer thinners used to remove paint and debris from spray painting equipment.
- reclaim solvents like acetone used to clean equipment used in fiberglass construction.

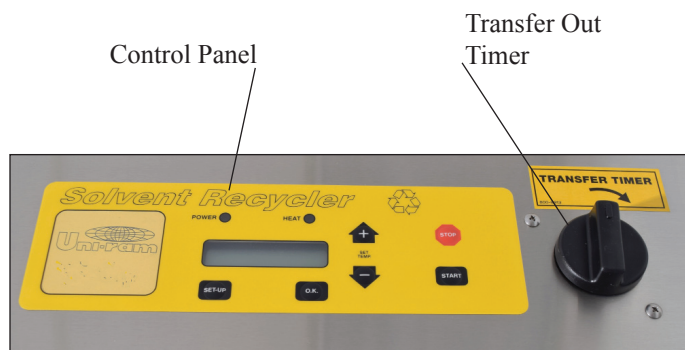
WITH A CB70CE THE OPERATION BECOMES “GREENER” AND THE OPERATING COSTS DROP.



RECYCLING PROCESS



- 1 Dirty solvent is pumped in.
- 2) Heater is turned on, solvent vaporizes.
- 3) Solvent travels through condenser to a container.
- 4) Clean recycled solvent is pumped out for reuse.



Control Panel

Transfer Out
Timer

Control Panel

COST SAVINGS

Example: A company cleans tools and equipment with the solvent, MEK.

Current Costs

Solvent Purchases (L/month)	830
Unit Cost (\$/L)	4.24
Solvent Cost (\$)	3520.00
Disposal Quantity (L/month)	830
Unit Cost (\$/L)	.85
Disposal Cost (\$)	705.00
Total Cost (\$)	4,225.00
Annual Cost (\$)	50,700.00 (A)

Costs After Acquisition of a Solvent Recycler

Solvent Purchase Cost (typically 10%)	352.00
Disposal Cost (typically 10%)	70.00
Total Monthly Cost (\$)	422.00
Annual Cost (\$)	5064.00 (B)
Annual Savings (\$) (A-B)	45636.00

IMPORTANT !! Not for use with nitrocellulose, present in resins and paints of wood products.



Manufacturers of Solvent Recyclers

381 Bentley Street, Markham, Ontario,
Canada L3R 9T2
Tel: 800-417-9133 905-477-5911
Fax: 905-477-8922
sales@uniram.com

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