



INDUSTRIAL SOLVENT RECYCLERS DB100 SERIES

With a **Uni-ram** recycler the operation becomes “Greener”. Used solvent transported off site is reduced by approximately 90 %. A Uni-ram recycler effectively reclaims used solvent for reuse in plant operations and segregates the waste for disposal. The facility can improve its Waste Generator Status with Environmental Agencies and help municipalities reach their waste reduction goals.

Staff no longer completes a waste manifest or schedules waste pickups. In addition, there is no longer a liability for off-site transportation.

With a Uni-ram recycler unnecessary solvent purchases are eliminated; solvent purchases typically drop by approximately 90 % and the waste hauling charge also drops by approximately 90 % . Cost savings are shown on the next page.



Used Solvent Clean, clear solvent

MODEL	OPERATION	WASTE	BATCH SIZE
DB100N	BATCH	SOLID OR LIQUID	17 GAL IN 8-12 HR
DB100NP	BATCH / VACUUM	SOLID OR LIQUID	17 GAL IN 7-11 HR
DC100N	CONTINUOUS	LIQUID-LIKE	55 GAL IN 20-30 HR
DC100NP	CONTINUOUS / BATCH	LIQUID-LIKE	55 GAL IN 18-28 HR

* The speed varies with the solvent and the level of contamination.

WITH THE OPTION, VACUUM ASSIST, SOLVENT RECYCLES FASTER AND AT A LOWER BOILING POINT.

With a Uni-ram recycler the operation becomes “Greener” and the operating costs drop.

FEATURES

- Voltage: 220-240 V, single phase
- Control System: Operational control and continuous monitoring by sophisticated micro-processor. Many built-in safety programs. Continuous self-diagnostics with error messages.
- Certification: UL Standard 2208 and CSA Standard 22.2 No. 30 and 88. Constructed to Explosion Proof Class 1 Division 1, Group D standards. Self test mode.
- Pressure Relief System: Prevents pressure build up over 3-5 PSI.
- Solvent Transfer: Auto-transfer, in and out.
- Construction: 18 gage, stainless steel cabinet.
- Distillation Tank: Stainless steel or anodized aluminum tank available.
- Cooling: High efficiency condenser with motor driven fan.
- Waste Collection: Waste drains from tank to a collection tray for all models.
The waste may alternatively be collected in high temperature nylon bag for the BB30NB and the DB100NB.



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.

CONSUMABLES

PART	MODEL SUFFIX	DESCRIPTION	DB100N-	BB30N-
LINER BAGS	B	High Temp Nylon	LB2000E-10	LB900C-10
GASKET	N	Neoprene	965-2150N	770-2150N
GASKET (default)	V	Viton	965-2150V	770-2150V
GASKET	T	Teflon	965-2150TE	770-2150TE

OPTIONAL EQUIPMENT PART NUMBER

- Pneumatic Drum Mixer 960-9040F
- Pat-Light with Buzzer UPLITE-3C
- Auto-Lid Lock System ULOC
- Rapid Cooling on DC100N, DC100NP, DB100NP UATC-D

COST SAVINGS

Curent Costs

Solvent Purchases (gal/month)	220
Unit Cost (\$/gal)	3.90
Solvent Cost (\$)	858.00
Disposal Quantity (gal/month)	220
Unit Cost (\$/gal)	3.20
Disposal Cost (\$)	704.00
Total Cost (\$)	1,562.00
Annual Cost (\$)	18,744.00 (A)

Costs After Aquisition of a Solvent Recycler

Solvent Purchase Cost (typically 10 %)	86.00
Disposal Cost (typically 0 to 10 %)	70.00
Total Monthly Cost (\$)	156.00
Annual Cost (\$)	1872.00 (B)
Annual Savings (\$) (A-B)	16,872.00



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April 2014