

Reduce the impact on the environment and decrease operating expenses



PriscoTech SolvKlene II Solvent Recycler Systems allow for easy and safe distillation and recycling of waste solvents used to clean and maintain printing presses. The systems are an ideal cost effective solution for dealing with the substantial amount of waste solvent generated by some new presses equipped with automatic blanket washing systems. Solvent recycling, an off-press, self-contained process, effectively cleans used solvent by removing the absorbed materials - including water, ink and debris. The clean, recycled solvent can be used over and over. The segregated distilled water, if present, is collected and disposed of in accordance with local regulations.

The storing, handling and transporting of hazardous waste solvent hurts profits and can make compliance with environmental regulations problematic. Moreover, every gallon of hazardous waste solvent recycled is a gallon that does not need to be purchased, thereby reducing VOC

The **PriscoTech SolvKlene II** can reduce solvent waste transported off-site by up to 95%!

emissions and improving profits. With **SolvKlene II**, the solvent waste that must be transported from the plant is drastically cut. This may mean an improvement in the Hazardous Waste Generation classification of the plant and easier compliance with local environmental goals. Hazardous waste solvents are an expensive problem; the **PriscoTech SolvKlene II Solvent Recycler Systems** are the economical answer.

SolvKlene II Solvent Recycler Systems are offered in batch and continuous-feed models to meet the needs of almost any large and small printing plant.

SolvKlene II SYSTEM BENEFITS

- Ideal for presses equipped with brush blanket washing systems
- Significantly reduces costs - Solvent purchases may be reduced by up to 90% and disposal costs by 95%
- Quick return-on-investment
- Easier compliance with new environmental regulations
- Reduces VOC levels - Potential for improvement in Hazardous Waste Generator status
- Safe and effective solvent recovery - Explosion-proof construction with built-in safety systems
- Long service life - Rugged stainless steel construction



SolvKlene II DB100G shown with standard drums for collection of solvent and waste water

STANDARD FEATURES

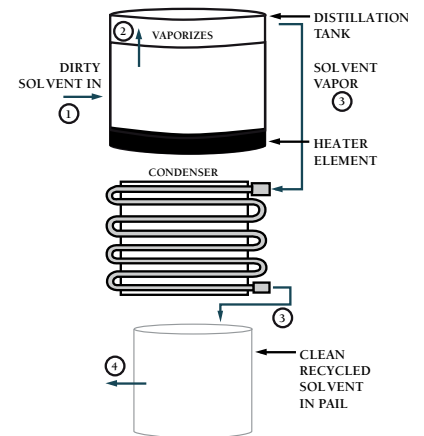
- Automatic water separation
- Constructed to U.L. Standard 2208 and CSA Standard 22.2 No. 30 and 88
- 18 gauge stainless steel explosion-proof design - Explosion-Proof Class 1, Division 1, Group D
- Self-diagnostic microprocessor control system features user-friendly, programmable temperature and operating set-points as well as built-in safety programs
- Lid mounted LCD displays of operating temperatures and trouble-shooting indicators
- Self-cooling via high efficiency condenser with motor driven fan
- Solvent chambers and lids are sealed with a Viton® "O" ring gasket
- Clean-out port is provided for removal of liquid residue
- Over-temperature distillate safety shutdown



SolvKlene II BB30G shown with standard drums for collection of solvent and waste water

Working Principles

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. If the used solvent includes water, the water separator transfers the distilled water for later disposal.



SolvKlene II SPECIFICATIONS

Model	BB30G	BC30G	DB100G	DC100G	
Dimensions (WxD)	31 x 44 x 30 ins (78.7 x 112 x 76 cm)		47 x 44 x 30 ins (119.4 x 112 x 76 cm)		
Electrical	240 VAC, 1 Phase, 30A*				
Air	85 - 100 lb/in ² (551 - 690 kPa)				
Capacity	Batch	~5 gal (20 l)		~20 gal (80 l)	
	Continuous	N/A	~1 gal/hr (3.5 l/hr)	N/A	~3 gal/hr (11 l/hr)
Cycle Time	Batch**	6 - 8 hrs**	N/A	10 - 12 hrs**	N/A

~ Approximately *Other electrical configurations may be available upon request ** Based upon "typical solvent," your times may vary. Cycle Time includes cool-down. Specifications are subject to change without notice.

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As always, your local PRINTERS' SERVICE office is happy to answer your questions:

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