

THE ORIGINAL

# Silver Trap Windows™

## DISPOSABLE SERIES

**Completely Disposable • Visually Observable Recovery • Low Cost  
Space Efficient • Super Compact Size • Convenient • Effective**

## The world's best metallic replacement silver recovery system



Ultra Compact,  
minimal floor space required



Shown with optional wall mount bracket—  
keeps floor space clear and clean



Easily rotatable SERIES installation for  
adjustable EPA Compliance requirements

- ✓ Clean, safe, fast replacement procedure.
- ✓ Time and money saving disposable system.
- ✓ Heavy-duty, time proven iron-matrix screen core, reduces replacement frequency.
- ✓ Unique visually observable clear-plastic see-thru feature.
- ✓ Ultra-compact, space-saving, modular design.
- ✓ Quickly replaceable, integral cartridge & shipping jar in one.
- ✓ Easily drained and rinsed for shipping.
- ✓ Convenient multiple wall-mount or floor-stand installation.
- ✓ No filter bags or cores to buy, replace or plug up.
- ✓ Eliminate toxic waste exposure or fume inhalation risk.

**PERFECT FOR: Medical Imaging/Graphic Art fixers • Electrolytic Back-up Use  
Medium-Volume Primary System**

Each ST-WD cartridge has a huge 300 - 1,000\* gallon desilvering capacity.

\*(Recovered silver capacity may be greatly reduced when used for electrolytic back-up.)

**State-of-the-Art, High Tech Metallic Replacement Silver Recovery System**

**Low Cost ✓ Compact ✓ Long Lasting**

Awarded U.S. Patents: 3,840,217, 4,240,617, 4,834,849 Other patents, foreign and domestic applied for

Produced and mfg. by

**USII**  
INTERNATIONAL, INC.

Please call 1-262-334-3000 for more info.

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# Silver Trap Windows™

## DISPOSABLE SERIES

### Specifications ST-WD & ST-WDC

Complete Cartridge: (compact)

	Model	Height	Depth	Width	Inlet-Outlet Height
<b>Dimensions:</b> <small>(less recirculating tube)</small>	ST-WD	12.125" (30.80 cm)	4.75" (12.07 cm)	4.75" (12.07 cm)	14.25" (36.20 cm)
	ST-WDC	7.625" (19.37 cm)	5.00" (12.70 cm)	5.00" (12.70 cm)	9" (22.86 cm)
<b>Weight:</b>	ST-WD	5 lbs.		(2.3 K/g)	
	ST-WDC	3 lbs.		(1.4 K/g)	
<b>Fluid Size:</b>	ST-WD	90 fluid oz.		(2662 ml.)	
	ST-WDC	64 fluid oz.		(1893 ml.)	

Cartridge with wall mount bracket:

	Model	Height	Depth	Width	Inlet-Outlet Height
<b>Dimensions:</b> <small>(less recirculating tube)</small>	ST-WD	12.125" (30.80 cm)	5.75" (14.60 cm)	6.375" (16.19 cm)	14.25" (36.20 cm)
	ST-WDC	7.625" (19.37 cm)	6.00" (15.24 cm)	6.375" (16.19 cm)	9" (22.86 cm)
<b>Weight:</b>	ST-WD	5.4 lbs.		(2.6 K/g)	
	ST-WDC	3.5 lbs.		(1.6 K/g)	
<b>Core Weight:</b>	ST-WD	4 lbs.		(1.8 K/g)	
	ST-WDC	2 lbs.		(0.9 K/g)	

The amazing Silver Trap Window ST-WD and ST-WDC (compact) metallic replacement cartridge system is the only metallic replacement system you will ever need for silver recovery from Medical Imaging/B&W Fixer. Window's unique ultra-compact, clear, modular design can meet any installation requirement. Windows are engineered around a patented, time proven iron-matrix screen core, which reduces replacement frequency. This high-surface area core is the longest lasting, most efficient, sacrificial catalyst material ever developed.

Silver Trap Window cartridge assemblies are designed to be used in single, tandem or multiple series installations. The outlet of one is simply connected to the inlet of the next. As many cartridges can be used as needed to meet local and E.P.A. silver discharge limits with an absolute minimum amount of space and cost.

Once installed, the operation, silver collection and catalyst usage can quickly be visually observed through the cartridge's unique clear-plastic cylindrical "window" embodiment. This feature clearly displays both silver quantity and quality, as well as processing solution integrity.

The silver filled, exhausted window unit can easily be replaced in a few minutes. The low-cost unit has a unique clear-plastic housing, for optimum monitoring and visual observation. The used plastic cartridge housing, when drained of liquid, becomes a convenient leak-proof, airtight shipping container. The unit can also be easily rinsed to meet EPA shipping regulations. The silver-laden used cartridge can then be sent to refining in the reusable cardboard box it comes in.

The ultra-compact, heavy-duty, low-cost Silver Trap Window cartridge is designed for convenient long-term use. It also comes with a one-year unconditional warranty, the strongest in the industry.



Installation:	Model	Single Cartridge	Tandem Cartridges	3 Cartridge Series
<b>Silver Capacity:*</b>	ST-WD	60 Troy Oz.	120 Troy Oz.	180 Troy Oz.
	ST-WDC	30 Troy Oz.	60 Troy Oz.	90 Troy Oz.
<b>Volume Capacity:**</b> Primary Use:	ST-WD	300 gallons (1,136 liters)	500 gallons (1,893 liters)	700 gallons (1,850 liters)
	ST-WDC	150 gallons (568 liters)	250 gallons (947 liters)	350 gallons (1,325 liters)
Electrolytic Backup Use:	ST-WD	1,000 gallons (3,785 liters)	1,500 gallons (5,678 liters)	2,000 gallons (7,570 liters)
	ST-WDC	500 gallons (1,893 liters)	750 gallons (3,800 liters)	1,000 gallons (3,785 liters)
<b>Maximum Flow Rate:</b> Both Primary and Backup Use:	ST-WD	0.8 GPH (3.0 liters/hour)	1.6 GPH (6 liters/hour)	2.4 GPH (9 liters/hour)
	ST-WDC	0.4 GPH (1.5 liters/hour)	.8 GPH (3 liters/hour)	1.2 GPH (4.5 liters/hour)
	ST-WD	100 ml./min. (intermittent)	200 ml./min. (intermittent)	300 ml./min. (intermittent)
	ST-WDC	50 ml./min. (intermittent)	100 ml./min. (intermittent)	150 ml./min. (intermittent)

\*Silver capacity may be greatly reduced when used for electrolytic back-up. Performance results vary depending on solution volume, type, brand, and mix dilution rates, as well as silver concentrations of solutions utilized.

\*\* Or 1 year maximum