# Sizes and Specifications:

MODEL	CAPACITY	RATE*	HEATER	Height	Depth	Width	WEIGHT
SC-25	57 L (15 G)	11 L/h (2.8 G/h)	3.75 kw	1524 mm (5')	1092 mm (3' 7")	1016 mm (3' 4")	318 kg (700 lbs)
SC-50	121 L (32 G)	18 L/h (4.8 G/h)	7.5 kw	1524 mm (5')	1321 mm (4' 2")	1219 mm (4')	454 kg (1000 lbs)
SC-100	121 L (32 G)	30 L/h (7.8 G/h)	9.0 kw	1524 mm (5')	1321 mm (4' 2")	1219 mm (4')	454 kg (1000 lbs)
SC-155	235 L (62 G)	34 L/h (9 G/h)	9.0 kw	1626 mm (5' 4")	1524 mm (5')	1524 mm (5')	499 kg (1100 lbs)
SC-200	235 L (62 G)	55 L/h (14.4 G/h)	18.0 kw	1626 mm (5' 4")	1524 mm (5')	1524 mm (5')	499 kg (1100 lbs)
SC-300	386 L (102 G)	79 L/h (20.8 G/h)	27.0 kw	1829 mm (6')	1524 mm (5')	1524 mm (5')	590 kg (1300 lbs)
SCR-200	280 L (74 G)	76 L/h (20 G/h)		3150 mm (10' 4")	1600 mm (5' 3")	1651 mm (5' 5")	1361 kg (3,000 lbs)
SCR-250	450 L (119 G)	106 L/h (28 G/h)	Electric or Steam	3378 mm (11' 1")	1600 mm (5' 3")	1651 mm (5' 5")	1451 kg (3,200 lbs)
SCR-350	768 L (203 G)	161 L/h (42.5 G/h)		3454 mm (11' 4")	1854 mm (6' 1")	2007 mm (6' 7")	2268 kg (5,000 lbs)
SCR-400	1192 L (315 G)	225 L/h (59.4 G/h)		4089 mm (13' 5")	2083 mm (6' 10")	2184 mm (7' 2")	2585 kg (5,700 lbs)
SCR-450	1627 L (430 G)	284 L/h (75 G/h)		4394 mm (14' 5")	2083 mm (6' 10")	2235 mm (7' 4")	2722 kg (6,000 lbs)
SCR-550	3051 L (806 G)	435 L/h (115 G/h)		5080 mm (16' 8")	2083 mm (6' 10")	2667 mm (8' 9")	3629 kg (8,000 lbs)
LSR-80	1544 L (408 G)	422 L/h (111.4 G/h)		5182 mm (17')	2083 mm (6' 10")	2540 mm (8' 4")	3629 kg (8000 lbs)
LSR-120	2419 L (639 G)	568 L/h (150 G/h)	Electric or Steam	5791 mm (19')	2286 mm (7' 6")	2794 mm (9' 2")	4536 kg (10000 lbs)
LSR-160	5288 L (1397 G)	1007 L/h (266 G/h)		6680 mm (21' 11")	2362 mm (7' 9")	2896 mm (9' 6")	5443 kg (12000 lbs)
LSR-200	9024 L (2384 G)	1514 L/h (400 G/h)		7137 mm (23' 5")	2819 mm (9" 3")	3302 mm (10' 10")	6804 kg (15000 lbs)

\* "Defined Rate" is defined as 2000 BTU/gal. solvent being distilled at 100°F differential between the solvent and the heating media. Custom sizes available upon request.



## **In-Process** Recovery

Our systems are often incorporated into complete turnkey solvent recovery and recycling systems, using a closed-loop process.

In this process, spent solvent is collected and fed into a distillation unit, where the contaminants can be separated from the reusable solvent.

Contaminants are discarded and clean, reusable solvent is automatically fed back through for plant operations.



### Solvent Wash & Recovery | Biowaste Sterilization | Custom Process Skids | Service

700 Industrial Drive, Dupo IL 62239, (800) 732-3793, www.progressive-recovery.com



# Solvent Recovery Fewer Solvent Purchases | Meet Environmental Compliance | Reduce Handling Risks





# Why solvent recovery? It pays for itself.

Onsite solvent recovery and recycling is the most affordable long-term option for companies who generate solvent waste. Our equipment can in many cases enable recovery of more than 90% of waste solvent, reducing disposal and new solvent expenses, and delivering a return on investment in a matter of months. PRI systems carry the lowest life cycle cost in the industry; over 75% of systems sold in the last 15 years are still in service. In addition, all PRI distillation vessels carry a 10 year warranty, offering the best value and durability in the industry. Other advantages include:

- assurance of regulatory compliance
- ability to reuse spent solvent
- lowered removal and disposal costs
- reduced inventory and new solvent purchase costs
- increased quality control over purchased reclaimed solvent
- · reduced liability associated with waste solvent

**Recover Up To** 90%







Return On Investment depends upon type of solvent, contamination level, contaminate type and other factors. Calculations above assume \$1 disposal cost/Gal., \$5 replacement solvent cost/Gal, and 5% solids content. \* Warranty terms and conditions apply, for full details contact PRI.





### Tank Size F

Solids Load Flow Rate Rotating So Electrically ASME Stea

### Tank Size F Solids Load Flow Rate F Rotating So Electrically ASME Stea

## **LSR Series** Large volume, 40% solids, scraped, conical vessel

The largest of the distillation line, the LSR Series is built to handle difficult, high solids, large-scale waste streams. An ASME Code stainless steel vessel houses the patented rotating scraper assembly that continually scrapes the sidewalls and mixes the solids. This assures optimum heat transfer efficiency and output rates. The LSR also features a cone-shaped vessel, which enables better heat transfer throughout the vessel, and more efficient solvent recovery from waste streams with high solids. As dirty solvent is fed at the top of the cone, a steam jacket heats the cone, and the waste.

LSF	R Series		
Size Range	1544 - 9024 L (408 - 2384 gal)		
is Loading	up to 40%		
Rate Per Hour	422 - 1514 L (111.4 - 400 gal)		
ting Scraper Blades	yes		
trically Heated Oil Jacket	$\checkmark$		
IE Steam-Heated Jacket	✓		
e-Shaped Vessel	$\checkmark$		
IE Steam-Heated Jacket e-Shaped Vessel	√ √		

## **SC Series** Small-med volume, <10% solids, non-scraped

The SC Series is an ideal non-scraped solvent recovery unit for many small to medium operations generating solvent-laden materials. The units offer the highest BTU rating specific to the industry, and can operate in either batch or continuous modes alongside remote storage tanks and process equipment. All models are constructed for Class I, Division 1, Group D environments, and use a combination of intrinsically safe sensors and explosion-proof electrical components. Each system complies with NFPA and NEC codes applicable to the vessel and installation.

SC	Series
lange	57 - 386 L (15 - 220 gal)
ding	< 10%
Per Hour	11 - 79 L (2.8 - 20.8 gal)
raper Blades	no
Heated Oil Jacket	$\checkmark$
m-Heated Jacket	$\checkmark$

## **SCR Series**

### Medium volume, 10% - 20% solids, scraped

The SCR Series, designed for solids content of up to 20%, is an ASME Code stainless steel vessel, and uses our patented rotating scraper assembly that continually scrapes the sidewalls and mixes the solids. This assures optimum heat transfer efficiency and output rates. Employee safety and system productivity are at the heart of the unit's design. Human involvement is minimal, with a Programmable Logic Controller (PLC) monitoring the unit's operation constantly.

SCF	R Series
lange	280 - 3051 L (74 - 800 gal)
ding	10% - 20%
Per Hour	76 - 435 L (20 - 115 gal)
raper Blades	yes
Heated Oil Jacket	$\checkmark$
m-Heated Jacket	$\checkmark$