



CONTINUOUS SOLVENT RECYCLERS

CSR 60V to 1200V

These continuous solvent recyclers are evaporative distillation process units. The waste solvent automatically enters the distillation vessel utilizing the standard vacuum pump provided with the solvent recovery still.

The heated thermal oil recirculates in the distillation vessel jacket. The solvent sludge is heated to a programmed temperature to create vapour. The solvent vapour exits the boiler and travels through a condenser.

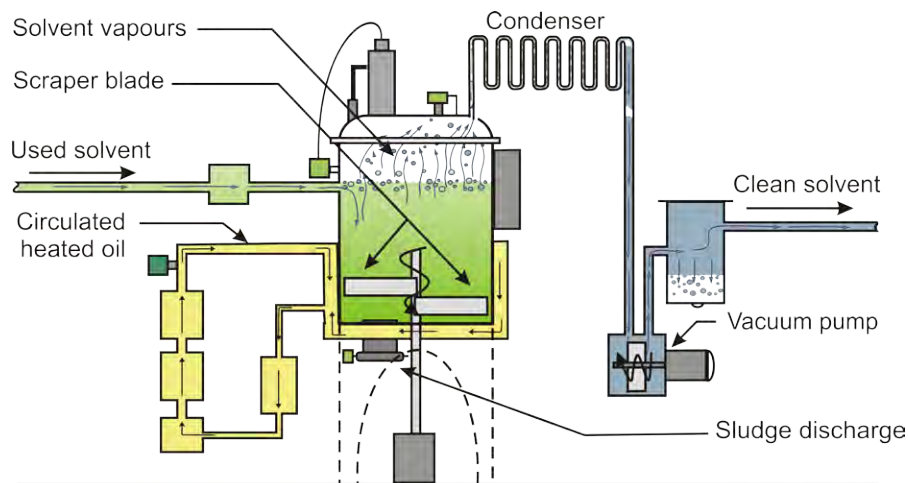
Clean, condensed solvent exits to a storage vessel ready for reuse. This entire process is controlled by a PLC.

The product features that distinguish the ISTpure line of solvent recyclers :

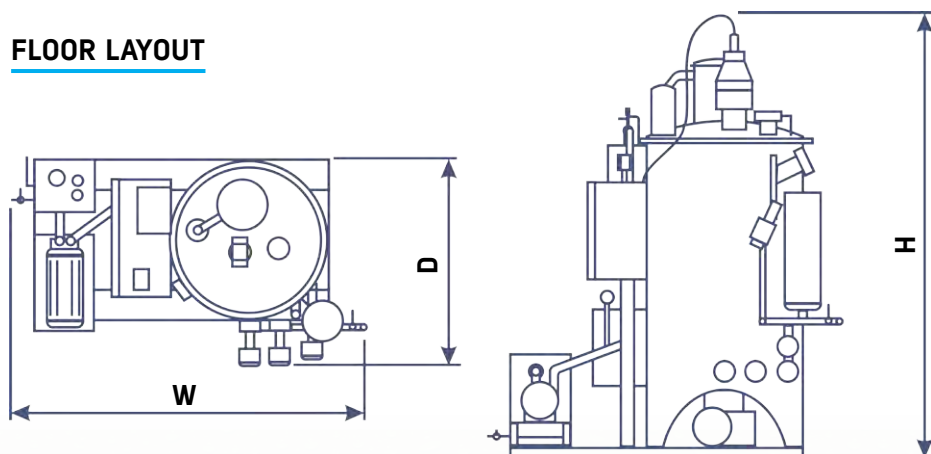
- ✓ **Recovery rate :** 99.5% and more.
- ✓ **Virtually maintenance free.**
- ✓ **Recycle time :** 4 to 6 hours.
- ✓ **Eliminates 90 % of toxic waste.**
- ✓ **Recycles most popular solvents,** including mineral spirit, flexo & litho solvents.
- ✓ **Return on investment :** less than one year and Kw consumption less than 2 cents per gallon.
- ✓ **Safety standards :** Class 1, Div. 1, Group D.

We always evaluate your solvents and contaminants MSDS sheets prior to recommending the proper system. It is very important to also identify the possible presence of nitrocellulose and acids in your dirty solvent mix.

HOW IT WORKS



FLOOR LAYOUT



Contact us today to evaluate your solvent purchases and calculate your annual savings potential !

SPECIFICATIONS	CSR 60V	CSR 120V	CSR 205V	CSR 400V	CSR 1200V
Working Capacity	15 gal	48 gal	50 gal	100 gal	300 gal
Working Temperature	122°-392° F				
Cycle time	4 to 5 h (estimated)				
Average output	4 to 6 gal/h	7 to 10 gal/h	12 to 16 gal/h	20 to 35 gal/h	60 to 100 gal/h
Voltage	480 or 600 V – 3 Ph – 60 Hz				
Power consumption	5,500 W	10,000 W	15,000 W	30,000 W	100,000 W
Amperage	25A – 480V 18A – 600V	30 A (480 V) 25 A (600 V)	80 A (480 V) 80 A (600 V)	60 A (480 V) 45 A (600 V)	170 A (480 V)
Weight	792 lb	1,000 lb	1,100 lb	1,400 lb	1,400 lb
Dim's (W x D x H)	60" x 50" x 80"			63" x 60" x 122"	
Indirect heating (thermal oil)	7 gal	12 gal	30 gal	40 gal	