



SOLVENT RECYCLERS

INSTALLATION GUIDE

SR120/SR120V/SR180/
SR180V/SR240/SR240V

SECTION 1

Parts Required

- Main breaker per classification area (See General Arrangement Drawings)
 - 600 or 480 Volt 3 Phase Power
 - Install at 5 - 6 Ft from units at least
 - 18" above the ground
- Inlet Compressed Air Line ½" min. next to unit
- Inlet Water Line ½" min. next to unit (option)



Unpackaging the Unit

Step 1: Carefully inspect the shipping carton for any signs of transport damage.

Step 2: Begin by removing the plastic wrap and the Styrofoam then remove the wood plate behind the unit protective condenser.

Step 3: Carefully remove your solvent recycler from the shipping carton. Remove the four straps from the bottom of the solvent recycler screwed to the pallet.

Step 4: Remove the unit from the pallet and place it in the general area for installation.

You are ready to begin with the installation of the solvent recycler.



SECTION 2

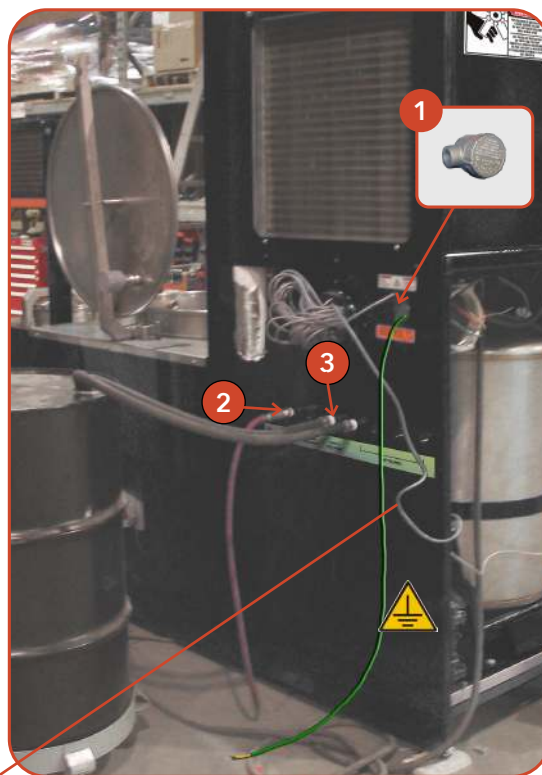
Electrical Connection

Step 1: Now we are ready to have the electrician wire the solvent recycler for model SR120V connect to 480 V or 600 V - 3 phases (as per name plate on the unit) to the electrical junction box that is provided in the back of the unit. The 32 gallons recycler requires 25 A.

For model SR180V connect to 480 volts or 600 volts 3 phases (as per name plate on the unit) to the electrical junction box that is provided in the back of the unit. The 48 gallons recycler requires 30 A.

For model SR240V connect to 480 V or 600 V 3 phases (as per name plate on the unit) to the electrical junction box that is provided in the back of the unit. The 63 gallons recycler requires 30 A.

For all these models, please refer to the electrical schematic found in the manual. For units that comes with a step up transformer the transformer must be located outside the explosion proof room in a safe non hazardous location.



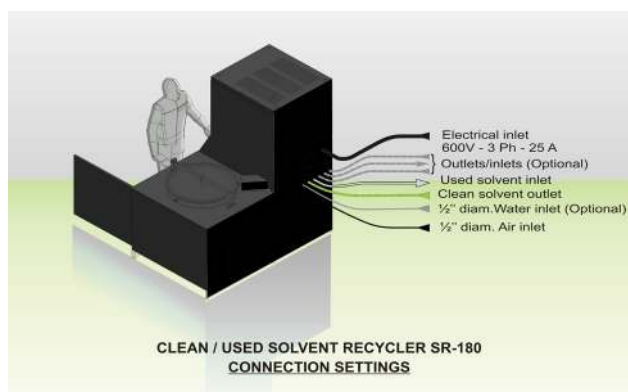
Then connect a ground wire to the back of the unit and use the ground wire with a clip to ground the 55 gallons / 205 litres drum.

Step 2: connect to the back of the unit the air you need an 1/2" air line, we suggest to put a filter regulator and adjust the air pressure on the regulator to 90 PSI.

Step 3: You need to connect the clean outlet and then used solvent inlet located in the back of the unit

Step 4: If the units comes with nitro cellulose package connect to the back of the unit a 1/2 water line.

Note: Please Review the "General Arrangement" Drawing.
MAKE SURE ALL CODE REQUIREMENTS ARE FOLLOWED.



You are now ready to follow the Start-up Process.

Please follow the Kresco Start-up

GENERAL ARRANGEMENT

DATA & SPECIFICATIONS

Electrical Requirements

Amp Draw listed for entire unit – including motor and heating element

MODEL	FULL LOAD AMP DRAW			LOCATION	
	220V	480V	600V	Non-classified area	In mix room/ classified area
SR 30	11.7	-	-	- General purpose disconnect - Min. 5 ft away from unit - Min 18" off the floor	Explosion proof disconnect required
SR 60	23.4	-	-		
SR 120	-	14.5	11.3		
SR 180	-	20.8	15.0		
SR 240	-	24.8	19.5		

Air Requirements

ITEM	AIR LINE SPECIFICATIONS	CFM	NOTES
SR30V-60V	3/8" @ 100 psi	5	Factory set at 85-90 psi
SR120V-180V	1/2" @ 100 psi	10	
SR120V-180V	1/2" @ 100 psi	10	
SR 240	1/2" @ 100 psi	10	

Thermal Heat Transfer Oil

Model	OIL CAPACITY	
SR30 TO SR240	Please refer to your product identification plate for required oil volume.	
		
PARTS NUMBER		
Formats	STANDARD	HIGH-TEMPERATURE
1 Gal / 3.8 L	OIL-0004	OIL-0004-HT
2.63 Gal / 10 L	OIL-0010	OIL-0010-HT
5.2 Gal / 20 L	OIL-0020	OIL-0020-HT
55 Gal / 205 L	OIL-0205	OIL-0205-HT

Recycler Bags

Models	2 MILS	3 MILS
SR30 / SRB7.5	BAG-SR30-2-0100	BAG-SR30-3-0100
SR60 / SRB15	BAG-SR60-2-0100	BAG-SR60-3-0100
SR120 / SRB30	BAG-SR120-2-0100	BAG-SR120-3-0100
SR180 / SRB45	BAG-SR180-2-0100	BAG-SR180-3-0100
SR240 / SRB60	BAG-SR240-2-0100	BAG-SR240-3-0100

INFORMATION CODES

Kresco offers a complete line of spray gun cleaners and solvents recyclers that conform to the requirements of:

- NFPA-33 Standard for spray application using flammable and combustible materials.
- NFPA-30 flammable and combustible liquid code
- IFC : International Fire Code

The recycler has been certified and listed :

- UL 2208 standard for solvent distillation unit

The recycler has been reviewed and approved by:

- QPS for U.S. & Canada requirements report #LR1558

Conformity of all these requirements is dependent upon the manner in which the equipment is installed. The contractor will make certain that all of the electrical wiring and conduit, piping, gas supply, roof penetrations, automatic fire protection systems, and the location of the equipment within the building also conforms to the cited codes and the other references.

EXCLUSIVE RIGHTS

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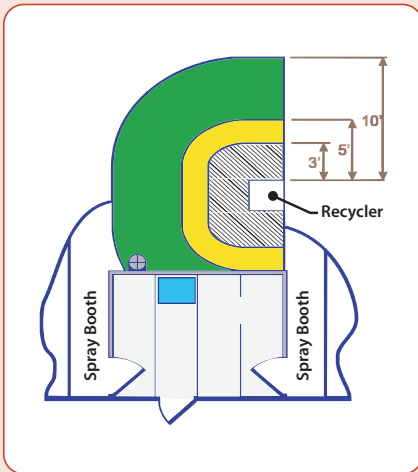
GENERAL ARRANGEMENT



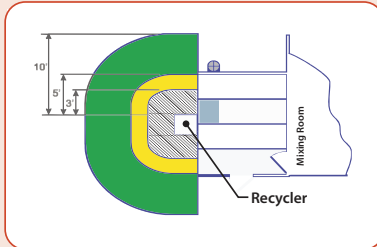
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GENERAL ARRANGEMENT

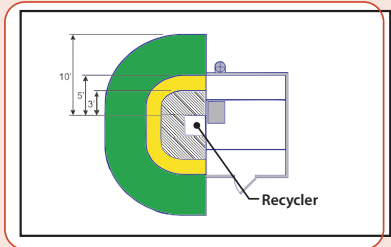
DATA & SPECIFICATIONS



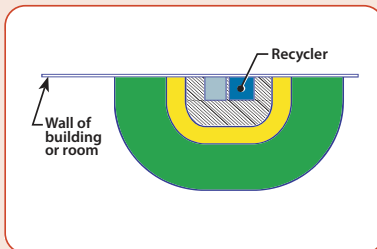
INTERMEDIATE
MIX ROOM



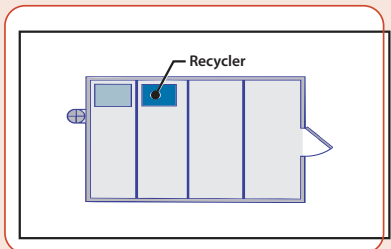
THREE SIDES
MIX ROOM



FREE STANDING
MIX ROOM



ENTIRE SYSTEM
OUTSIDE MIX ROOM



ENTIRE SYSTEM
INSIDE MIX ROOM

LEGEND



Class 1 - Div 1



Class 1 - Div 2



Class 1 - Div 2
18" Height only



Classification zones as per:

A) NFPA 33 standard for spray application using flammable and combustible materials, sections 4.3.5

B) International fire code, chapter 34 flammable and combustible liquids 3403.1.1

Zone requirements apply to both gun cleaners and recyclers together and stand alone.

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GENERAL ARRANGEMENT



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Note: the SR240 is not QPS certified

About Kresco



Kresco designs, manufactures, and supports industrial equipment for the surface treatment industries. **Kresco** has standard equipment designed for most applications and can customize equipment to meet or exceed your production expectations.

Sandblasting

- Sandblast Booths
- Sandblast Cabinets
- Automated Sandblasting Systems
- Abrasive Reclaiming Systems
- Pressurized Sandblasters
- Dust Collectors

Solvent Recovery

- Batch Solvent Distillers
- Continuous Flow Solvent Distillers
- Oil Cooling Systems

Shotblasting

- Roller Conveyor Blaster
- Rotary Table Blaster/Swing Table Blaster
- Spinner Hanger (Batch)
- Continuous Flow with Monorail
- Rubber and Steel Flight Tumbler Blasters
- Flow Thru Barrel Blasters
- Mesh Belt Continuous Blasters
- Monorail System Blasters
- Rim Blasters
- Preservation Line

Parts & Consumables

- Blast Nozzles
- Blast Hoses
- Abrasive Media
- Air Valves
- Abrasive Metering Valves
- Cartridge Filters
- Sludge Bags
- Safety Equipment & PPE

Painting

- Paint Spray Booths
- Powder Coating Booths
- Drying Ovens
- Air Make-Up Units

Services

- Turnkey Project Design
- Custom Design
- Full Installation
- Start-up Supervision
- Training
- Maintenance
- Retrofit & Upgrade

All systems are designed to build and they are manufactured with the highest quality standards in our manufacturing shop in Quebec, Canada.





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