

SR30 & SR60
NEXT GENERATION™ RECYCLERS



INSTALLATION GUIDE

For technical assistance call 1 877 624-8202

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SECTION 1



TOOLS REQUIRED

Phillips Screw Driver for all Screws on The Unit Flat Screw Driver or Snips for Removal of Staples Robertson Square Screw Driver for Pallet Screws Teflon Tape Adjustable Wrench.

PARTS REQUIRED

- Hose and Fittings for connection to Regulator
- Disconnect per classification area (See General Arrangement Drawings)
 - 220 Volt 1 Phase Power
 - 5 - 6 Ft from units at least
 - 18" above the ground



UNPACKAGING THE UNIT

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

Step 2 : Begin by removing the staples attaching the box to the skid (A Flat Screw Driver or Snips will do the job).

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

Step 4 : Remove the unit from the palette 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 5 : Now we are ready to have the electrician wire the solvent recycler for model **SR30** connect to **220 volts / 1 phase** power to the electrical junction box **1** that is provided in the back of the unit. **The 7.5 gallons recycler requires 15 Amp service.**

for model **SR60** connect to **220 volts / 1 phase** power to the electrical junction box that is provided in the back of the unit. **The 15 gallons recycler requires 30 Amp service.**

Then connect a **ground wire 2** to the back of the unit and use the ground wire with a clip to ground the 55 gallons drum.

For units that come with the optional used solvent fill pump you will need to connect with an **1/2 air line** to the pump and suggest to put a filter regulator before the air inlet of the pump and then adjust the air pressure on the regulator to **80 PSI**.

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 ISTpure 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	
SR 30	11.7	—	—	In mix room/ classified area 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	Parts Number		
SR30 TO SR240	Please refer to your product identification plate for required oil volume. 	Standard	High Temp.	Volume
		330066	330166	1 gal / 4L
		330067	330167	2.5 gal / 9.5L
		330068	330168	5 gal / 19L
		330069	330169	55 gal / 208L

Recycler Bags

MODEL	Part number
SR 30	300006
SR 60	300019
SR 120	300008
SR 180	300009
SR 240	300010

INFORMATION CODES

ISTpure 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.

ISTpure
1050, rue des Forges- Terrebonne(Qc)
Tel.: 1 877 629-8202 / 450 963-4400

GENERAL ARRANGEMENT

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GENERAL ARRANGEMENT

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 3403.11

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

GENERAL ARRANGEMENT

346 Allée du Golf, St-Eustache (Qc) J7R 0M8 Canada
Tel 1 800 361-1185 • 450 963-4400 Fax 450 963-5122

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