



International
Surface
Technologies
www.istsurface.com

ISTpure
INNOVATION AND LEADING TECHNOLOGY

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 pallette.

Step 4 : Remove the unit from the pallette 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**



FINAL SECTION

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" High 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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FINAL SECTION

General arrangement (cont'd)

DATA & SPECIFICATIONS

Electrical Requirements
Amp Draw listed for entire unit — including motor and heating element

Models	Full load Amp Draw		Location	
	220V	480V	Non-classified area	In mix room/classified area
SR 30	11.7	—	<ul style="list-style-type: none"> General purpose disconnect 	Explosion proof disconnect required
SR 60	23.4	—	<ul style="list-style-type: none"> Min. 5 ft away from unit 	
SR 120	—	14.5	<ul style="list-style-type: none"> Min 18" off the floor 	
SR 180	—	20.8	15.0	

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	

Oil

Model	Capacity	Description
SR 30	10 liters oil	ISTpure Themic Heat Transfer Oil
SR 60	20 liters oil	
SR 120	55 liters oil	
SR 180	55 liters oil	

Recycler Bags

Model	Part number
SR 30	300006
SR 60	300019
SR 120	300008
SR 180	300009

CODE INFORMATION

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 rewied and approved by :

- CSA for U.S. & Canada requirements report # 154896

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.

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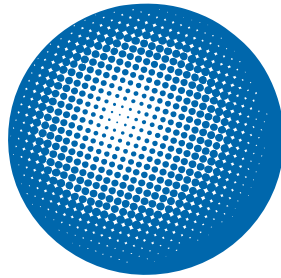
GENERAL ARRANGEMENT

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WARRANTY INFORMATION / TECHNICAL ASSISTANCE

ISTpure is a registered trademark of:



International
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**For more information, prices or technical assistance,
contact your local ISTpure distributor or call / fax our
Consumer Information Numbers :**

Tel.: **1 800 361-1185** Tel.: **450 963-4400** Fax: **450 963-5122**

Or visit us at :
www.istpure.com



ABOUT THE COMPANY

WHO WE ARE

IST is a leading industrial manufacturer of standard and custom engineered equipment for the surface treatment industry and the solvent recycling industry.

MISSION

IST is dedicated to being an innovative and trusted supplier in the conception, fabrication and distribution of surface treatment equipment and recycling equipment.

The products, technologies and industry expertise of IST are used in a wide range of manufacturing and industrial applications, including but not limited to :

- General Manufacturing
- Industrial Equipment
- Metal forming
- Aerospace and Aviation
- Rail and Transit
- Marine
- Automotive
- Petroleum
- Flexography (labelling) & Lithography
- Wood finishing
- Power & Energy
- Pharmaceutical

