DATA SHEET

Optional bag-lifting device



SR120-120V & SR180-180V

Optional bag-lifting device



SR240-240

DESCRIPTION	SR120-120V	SR180-180V	SR240-240V
Weight (Empty)	990 lb		1,260 lb
Weight (Full)	1,470 lb		1,817 lb
Dimensions standalone (H x W x D)	85″ x 73″ x 46″		795/8″ x 825/8″ x 46″
BOILER			
Volume 12	45 US gal (170 L)	60 US gal (227 L)	73 US gal (292 L)
Working capacity	32 US gal (120 L)	48 US gal (180 L)	63 US gal (240 L)
Material	304 stainless steel		
Wall thickness	1/8″		
Oil jacket	1″		
Insulation (wall/cone)	4″		
Inside diameter	28″		
Fill line	1″		
Pressure relief system	1.5 psi		
Rated for full vacuum to 100 psig. internal pressure to 600° F / 315° C.			

DESCRIPTION	SR120-120V	SR180-180V	SR240-240V	(COMMON)
Distillation rate (gal/h)	6 to 10	7 to 15	4 to 6	of Toluene, MEK or Acetone. Other solvents vary depending on heat of vaporization
Assembly requirement	These SR are assembled as one complete unit and tested in our factory. Disassembled into (2) separate pieces: (1) the recycler and (1) the vacuum tank (option). The customer is responsible for providing electricity, compressed air, piping from the dirty solvent tank and piping to the clean solvent tank unless the optional hose kit was purchased			
Clearance	1 foot above and around the unit.			
Utilities required: **Electricity**	29A /380V 22.8A/480V 18.3A/600V	42A/380V 20A/480V 16.9A/480V	24.8A/480V 19.5A/600V	3 Ph. 60 Hz
Vacuum options	Compressed Air : 90 psig, 8 scfm, ¼" diameter, NPT.			
Heater	10 kW	15 kW	18 kW	electric-resistance heater. (200° F to 550° F). All fittings and motors are Class 1, Div. 1, Group D
Operating pressure	Ambient to 450° F			
Operating temperature	Atmospheric to full vacuum (22'' – 27.5'' of mercury).			
Heat up time	30 - 45	20 - 30	20 - 30	(in minutes)
Cool down time	60 minutes. (can be longer depending on the type of solvent treated).			
Feed	Come standard with two 3/4'' diaphragm pumps : 1 for loading dirty solvents into boiler and 1 to transfer the clean recycled solvent.			
Vacuum	Vacuum pump: air operated, requires clean air 80 psi, 5 cfm.			
Pressure relief	1.5 psi on the cover with progressive release of the over pressure.			
Controls	Microprocessor controlled. Unit is enclosed in an explosion proof container and is certified to operate in a Class 1, Div. 1, Group D environment.			
Instrumentation	Distillate / sludge, oil, cycle status, and safety status readings.			
Shipping data	55 x 80 x 86		55 x 87 x 86	(WxLxH) (inches)
Shipping Weight	1,200		2,100	(lb)
Certification	CSA certified USA and CAN, Class 1, Div. 1, Group D. All Kresco recyclers meet the following NFPA1 codes (30, 33, 70).			

[1] *National Fire Protection Association; http://www.nfpa.org/*

Address: 1404, avenue de la Gare, Mascouche, QC J7K 2Z2

Phone: (877) 757-3726
Email: info@krescosolutions.com
Website: krescosolutions.com