



## **Specifications for BECCA Industrial 55 Gallon Solvent Saver™ Recyclers** (General Specifications)

- ❑ **Listed to UL2208 and Class I Division 1 Group-D requirements.**
- ❑ **Boiler Construction is manufactured of Teflon Coated Cast Aluminum.**
- ❑ **Boiler is a 55 Gallon capacity.**
- ❑ **Fan Cooled Condenser system.**
- ❑ **Aluminum non-sparking fan blade.**
- ❑ **Aluminum Lid.**
- ❑ **Replaceable Solvent Resistant Thermal Gasket Seal.**
- ❑ **Pressure relief capability allowing no greater than 5 PSI.**
- ❑ **Digital display capable of adjusting temperature and time of cycle.**
- ❑ **Self-diagnostic system during start-up of the unit.**
- ❑ **Electronic sensors to monitor liquid and system temperature and shall shut the system down during a fault condition and provide alarm identifiers on the display.**
- ❑ **Mechanical sensor as back up to electronic sensors.**
- ❑ **Solvent Recovery rate no less than 90-99%**
- ❑ **Working temperature shall be from 104°F to 450°F.**
- ❑ **Thermal Reclaiming bag.**



- **Optional Transfer Systems will allow for the transfer of dirty solvent to Solvent Recycler**
- **Electrical Requirements of 220V 1PH 60 Hz at 50 amps**
- **Safety Ground Clips for Solvent Container.**
- **Operating cycle will be 6 - 8 hours depending on solids content and solvent type**
- **One-year limited warranty.**



## SPECIFICATION FOR INDUSTRIAL 55 GALLON SOLVENT SAVER™ RECYCLERS

SPECIFICATIONS	15 GALLON UNIT	
	U.S. Units	Metric Units
Geometrical capacity of boiler	70 Gallons	265 Liters
Useful capacity of boiler	55 Gallons	208 Liters
Operating temperature	104°-450°F	40°-232°C
Solvent protection	Class I, Div. 1, Group D	
Solvent temperature class	T2B – 260°C	
Absolute operating pressure	223 – 1,000 hPa	
	170 – 760 mmHg	
	-0.223 – 1 bar	
Relative operating pressure	-776 – 0 hPa	
	-590 – 0 mmHg	
	-0.776 – 0 bar	
Time per cycle of distillation	6 – 8 Hours (estimate)	
Yield	90% – 99%	
Cooling system	Fan Cooled	
Boiler material	Teflon Coated Aluminum	
Cover material	Aluminum	
Condenser material	Copper (standard) / Stainless steel (optional)	
Voltage	240 V – 1 ph	
Absorbed power	10kw/hr	
Amperage	50 amps	
Dimensions inches (cm)	42" (107) width x 60" (152)depth x 65" (165) height	
Weight	1000 Lbs.	454 Kg
Groundable Collection Container	1 (not included)	
Warranty	12 months	