

# BS

## Solvent Recovery Unit

### Product data sheet



### Your benefit

- Automatic operation
- Distillation performance, 5 l/hr \*
- Small space requirement
- Easy connect to 230 Volt

Ideal small recycling equipment for workshops and small users.  
Easy to install and simple in the operation.

**OFRU**  
RECYCLING®



The **BS** solvent recycling equipment is recommended for daily volumes from 5-30 litre and has a permanently built-in distillation tank made of stainless steel.

This series was developed for smaller or occasional solvent user. Treatment of soiled solvents takes place through distillation in a solvent and thermal resistant plastic bag. The distillation unit is heated by a electric thermal oil heater. The large evaporator surface and good heat balance facilitate quick distillation of small quantities without changing appliance's settings.

After manual solvent filling and starting the plant, the soiled solvent is evaporated and finally condensed. Condensed solvent is clear, clean and can be used again immediately. The process is stopped automatically by a timer. Thermostats control the heating and distillation temperature. For installation of an air-cooled unit, only a connected current of 230V is necessary.

All models are fitted with an Ex-proof electric control for installation in explosion-proof areas according to Class 1.

For high boiling point solvents the BS can be equipped with a vacuum unit. The plant is delivered with a bag-holder and 3 distillation bags and is ready for immediate operation.

Typical area of application: 10-30 l / shift



**Product benefits**

1. Ex-proof
2. Short heating and treatment time
3. Small and room saving
4. Design with tilted frame for a quick residue removal

5. Soiled solvents can be distilled in a plastic bag  
→ simple lifting out of the residue from the unit  
→ no laborious tank cleaning
6. High-quality components and processing
7. Low operating costs
8. Easy operation and installation



**Technical data**

	<b>BS-21</b>	<b>BS-31</b>
Filling volume	21 l	31 l
Distillation rate approx.	5 l/h *	5 l/h *
Heating up time approx.	1 h *	1 h *
Heating temperature	max. 200 °C	max. 200 °C
Vacuum (optional) abs.	max. 250 mbar	max. 250 mbar
Electrical connection	230 V / 50 Hz	250 V / 50 Hz
Power consumption heating	2 kW	2 kW
Consumption air pressure (Vacuum Op.)approx.	9 bar, 200 l/min	9 bar, 200 l/min
Thermal oil filling approx.	7,4 l	13,5 l
Width x Depth x Hight / Weight approx.	0,6 x 0,8 x 1,1 [m] / 80 kg	0,5 x 0,8 x 1,3 [m] / 118 kg

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\* Abhängig vom Lösemitteltyp / Dependent on type of solvent.  
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