



BPS Specifications

The BPS is a self-contained, non-automated system that is ideal for emergency response situations, oxidant demand testing, bench-scale studies, or demonstrations. The lightweight, portable case has a hard plastic cover to protect the system components. The BPS can be set up at any location to provide a fresh disinfectant solution in a matter of minutes. Separate containers must be used to store the brine solution, which is manually mixed to the proper consistency, and to collect the disinfecting oxidant solution as it is generated from the cell. The unit has a terminal plug for 110 VAC operation (cord can be modified for 220 VAC plug) and also 2 posts for connection to a 12 VDC battery. The necessary tubing is included with the unit and stores neatly in the lid.

	BPS
Rated FAC Capacity*	0.5 lbs/day 0.23kg/day
Equiv. Chlorine Production	0.7 lbs/day 0.23 kg/day
Salt Consumption	2.5lb salt / hr (1.1 kg salt/ hr)
Energy Consumption	150 watts
FAC Concentration*	~400 mg/L
Nominal Average Flow Rate from Anode	3.5 gph 13.2 lph
Nominal Average Flow Rate from Cathode	3.5 gph 13.2 lph
Electrical Service per Circuit	110 VAC, 1 ph, 12 A, 50/60 hertz 220 VAC, 1 ph, 12 A, 50/60 hertz 12 VDC, 12 A DC, 50/60 hertz
Air Temperature	35° to 110°F (2° to 43°C)
Feed Water Temperature	41° to 100°F (5° to 38°C)
Shipping Size (WxDxH)	22 x 18 x 11 inches (58.4 x 45.7 x 27.9 cm)
Shipping Weight (Appx.)	26 lbs 11.8 kg

* Production may vary depending on salt and water quality. Rated production capacities may be lower than actual data due to system production margins.



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