



DATA SHEET



Model: ESBK-UP Series

Ultrapure Water Purifier



Features

- Water supply, RO water, UP water three water quality detection, all levels of consumables life alarm.
- 5 inch LCD screen, real-time display of running status.
- It has the function of taking water at regular time.
- High and low pressure protection function.
- Automatically shut down when water is cut off, automatically shut off water when shut down.
- Automatic washing after starting, effectively extend the life of filter element.
- Pressure water, to meet different customer requirements.

Model		ESBK-UP20L	ESBK-UP30L
Water Output Type		UP water outlet*1, RO water outlet*1, DI water outlet*1	
Water Output Speed(25°C)		20 L/H	30 L/H
Purifying Procedure		PF+AC+RO+AC+UV+UP+TF	
Water Supply Requirement		When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of GB57492, 5 ~ 40°C	
Purification System		10"PP filter element *1 10" granular activated carbon filter element *1 10" activated carbon bar filter element *1 RO reverse osmosis membrane *2 organic purification column *1 UV lamp *1 ultra-purification column *4 terminal micro filter *1	
UP Water Quality	Resistivity	18.2MΩ.cm	
	Conductivity	0.055μs/cm	
	Heavy Metal	<0.1ppb	
	Particle	<1/ml	
	Bacteria	<0.01cfu/ml	
	TOC	<50ppb	
DI Water Quality	Resistivity	10-18.2MΩ.cm	
	Conductivity	0.055-0.1μs/cm	
	Heavy Metal	<0.1ppb	
	Particle	<1/ml	
	Bacteria	<0.1cfu/ml	

Model		ESBK-UP40L	ESBK-UP60L
Water Output Type		UP water outlet*1, RO water outlet*1, DI water outlet*1	
Water Output Speed(25°C)		40 L/H	60 L/H
Purification Procedure		PF+AC+RO+AC+UV+UP+TF	
Water Supply Requirement		When working, the inlet water pressure is 0.1-0.3Mpa, and the water quality meets the requirements of CJ/T206	
Purification System		10"PP filter element *1 10" activated carbon bar filter element *1 400GPD RO reverse osmosis membrane *1 75GPD RO reverse osmosis membrane *1 organic purification column *1 UV lamp *1 ultra-purification column *4 terminal micro filter *1	
UP Water Quality	Resistivity	18.1MΩ.cm@25°C	
	PH	4.4-7.6	
	Sodium Ion	<0.1μg/l	
	Chloride Ion	<0.1μg/l	
	Heavy Metal Ion	<0.1μg/l	
	Si	<2μg/l	
	Nitrate	≤0.06μg/ml	
	Nitrite	≤0.02μg/ml	
	Ammonia	≤0.3μg/ml	
	Heavy Metal	<0.1μg/ml	
	Bacteria	<1cfu/100ml	
	TOC	20μg/l	
DI Water Quality	Resistivity	10-18.1MΩ.cm@25°C	
	Absorbance	≤0.001	
	Soluble silicon (SiO ₂)	≤0.01	
RO Water	Ion Rejection Rate	96%~99%	



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