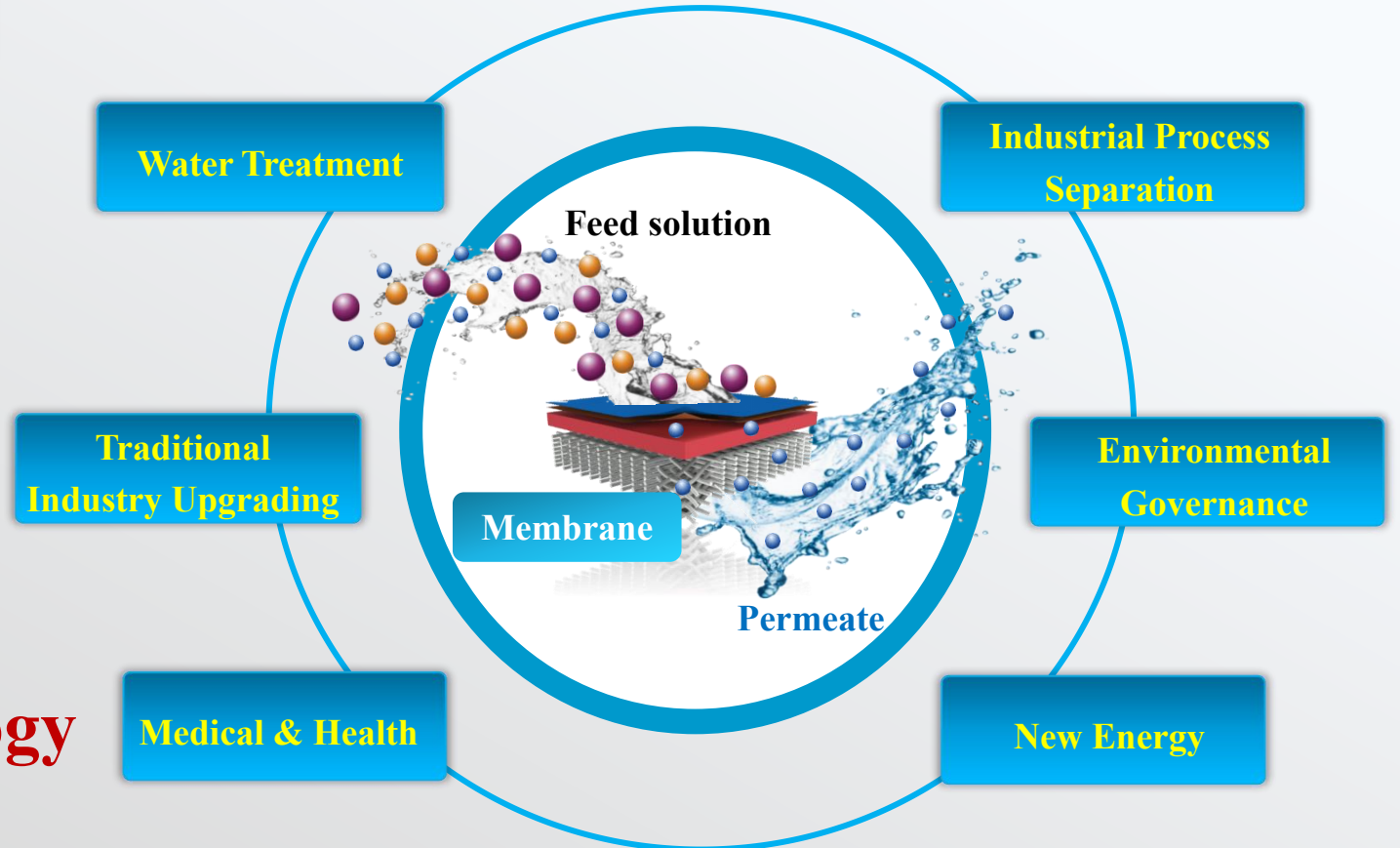


Anhui Cooperate Environment Technology Products Introduction



Focus on Membrane Technology

Containerized Pure Water System



Model No.	KBR-CPWS-PW500
Capacity	500m ³ /day
Feedwater Connection	DN100
RO Permeate Connection	DN65
RO Concentrate Connection	DN65
Length	12192mm
Width	2438mm
Height	2896mm
Container Size	40(ft)

Containerized Pure Water System (500m³/day)

Name / Item	Capacity	Feedwater Connection	RO Permeate Connection	RO Concentrate Connection	L*W*H	Container Size
KBR-CPWS-PW500	500m ³ /day	DN100	DN65	DN65	12192*2438*2896mm	40(ft)
Process Description	Tap water/Groundwater----Quartz Sand Filtration---Carbon Filtration----BWRO---Fresh Water					
Power Supply	Voltage: 220V/380V/440V, 50~60Hz, three-phase; Protection level: IP54					
System Features	<ul style="list-style-type: none"> ➤ Siemens Global Screen 10" color display, touch screen control ➤ Siemens smart200 PLC, RS232/NET communication ➤ High pressure pump configuration inverter ➤ Automatic water rinse when shutting down 			<ul style="list-style-type: none"> ➤ CIP cleaning system ➤ Automatic dosing system ➤ Modular equipment, plug and play ➤ Remote monitoring system 		
Key Parameters	<ul style="list-style-type: none"> ➤ Recovery Rate.....60%-75% ➤ Desalination Rate..... ≥ 99.0% ➤ Raw water TDS.....<1000 ppm ➤ Permeate TDS..... < 10 ppm 			<ul style="list-style-type: none"> ➤ Design Temperature.....25° C ➤ Operating Temperature.....15-40° C ➤ Working Pressure..... < 1.5 MPa 		
Documents	<ul style="list-style-type: none"> ➤ Operation and Maintenance Manual ➤ Certificate of Conformity ➤ Process Flow Diagram, 			<ul style="list-style-type: none"> ➤ Electrical Diagram ➤ Assembly Drawing 		
Material	<ul style="list-style-type: none"> ➤ High Pressure Pipeline.....SS304 ➤ Low Pressure Pipeline.....UPVC or PP ➤ Frame.....SS304 or CS+Anti-corrosion 			<ul style="list-style-type: none"> ➤ Electric Control Cabinet.....IP54 CS+Anti-corrosion ➤ Pretreatment filter.....FRP ➤ Pressure vessel.....FRP, 21bar (300psi) 		

Case 1-Containerized Pure Water System Cases

The Containerized Pure Water System is designed and constructed on a reduce footprint, generally adopting membrane treatment system. By using new innovation of integrated Membrane treatment with Softening resin.

Client	Russia	
Item	Feed Water	Effluent Water
Capacity (m3/d)	1500	960
Turbidity	24.6	ND
Salt Content (mg/L)	247.0	ND
Total Hardness (mg/L)	10.0	<0.01
Applied Pressure (Bar)	<5	-

