PRODUCT CATALOG

TYPE I ULTRAPURE WATER PURIFICATION SYSTEM BFN-10901

CE ISO9001 CERTIFIED

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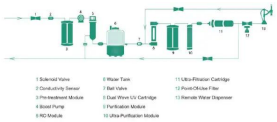
ULTRAPURE WATER PURIFICATION SYSTEM

This system is a compact solution that combines the production of pure water and ultrapure water in a single unit - eliminating the need for a pretreatment stage upstream of the ultrapure water system.

SPECIFICATIONS

Model	BFN-10901
Production Rate	15L/hr
Water Quality	Type I, Type III
Feed Water	Tap Water
Tank Capacity	30L
Feed Water Requirement :	
Source	Tap water
Conductivity*	<2000 μS/cm
Hardness**	<450 ppm as CaCO3
Pressure	0.05-0.5 MPa (7-72 psi)
Temperature	5-40°C
Purification Water (Class III) :	
Ionic Rejection	>95%
Bacteria Rejection	>99%
Conductivity Class III	1-20 μS/cm (RO-2 5 μS/cm)
Productivity Rate	15 L/h
Ultrapurification Water (Class I) :	
Resistivity at 25°C	18.2 MΩ·cm
Conductivity at 25°C	0.055 μS/cm
TOC Level***	1-5 ppb
Endotoxin (Pyrogens)****	N/A
Particulate (≥0.02 μm)	<1 pc/ml
Bacteria***	<0.1 cfu/ml
RNase / DNase**	N/A
Manual Dispense Flow Rate	1.5-2.0 L/min
Automatic Dispense Volume	100-60000 ml
Electrical Requirements :	
Electrical Voltage	110V/220V ±10%
Electrical Frequency	50Hz/60Hz
Packing Information :	
Net Weight Main Unit	24 kg
Net Weight Water Tank (30 L)	7 kg

External Dimensions (W x D x H) Main Unit	315 x 525 x 570 mm
External Dimensions (W x D x H) Water Tank (30 L)	380 x 380 x 595 mm
Shipping Weight Main Unit	37 kg
Shipping Weight Water Tank (30 L)	15 kg
Shipping Dimensions (W x D x H Main Unit	525 x 610 x 770 mm
Shipping Dimensions (W x D x H Water Tank (30 L)	520 x 440 x 615 mm
Notes	*If feed water quality is poor (Conductivity > 1000 μS/cm), strengthened pretreatment module and RO-2 type are highly recommended.**When feed water hardness is high (> 450 ppm as $CaCO_3$), 0.5T water softener is recommended.***Dual-wave UV module needs to be adopted.Also dependent on feed water, recommended feed water TOC < 30 ppb.****The Ultrafiltration module needs to be adopted.Feed water needs to be satisfied as above.
Alt Name	Ultrapure Water Purification System



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