



TYPE II PURE WATER PURIFICATION SYSTEM BFN-11501

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PURE WATER PURIFICATION SYSTEM



This series produces high quality pure water with superior resistivity and low TOC (<30 ppb).

Output water can be stored in anti-contamination water tanks, and is an ideal solution for routine laboratory application.

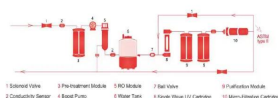
Technically combines RO Membrane, deionization and UV Lamp to achieve effective removal on all types of water contaminant.

Built-in UV Lamp is ideal for low bacteria application.

SPECIFICATIONS

Model	BFN-11501
Production Rate	30L/hr
Water Quality	Type II, Type III
Feed Water	Tap Water
Tank Capacity	30L/60L
Feed Water Requirement :	
Source	Tap water
Conductivity	$\leq 2000 \mu\text{S/cm}$
Hardness	$\leq 450 \text{ ppm as CaCO}_3$
Pressure	0.05-0.5 MPa (7-72 psi)
Temperature	5-40°C
Purification Water (Class III) :	
Ionic Rejection	$\geq 95\%$
Bacteria Rejection	$\geq 99\%$
Conductivity Class III	1-20 $\mu\text{S/cm}$ (RO-2: 5 $\mu\text{S/cm}$)
Productivity Rate	30 L/h
High Quality Purification Water (Class II) :	
Resistivity at 25°C	$\geq 10 \text{ M}\Omega\cdot\text{cm}$
TOC	$\leq 30 \text{ ppb}$
Dissolved Organic	$\leq 0.1 \text{ ppm}$
Particulate ($\geq 0.02 \mu\text{m}$)	$\leq 1 \text{ pc/ml}$
Bacteria	$\leq 1 \text{ cfu/ml}$
Flow Rate	1.5-2.0 L/min
Electrical Requirements :	
Electrical Voltage	110V / 220V $\pm 10\%$
Electrical Frequency	50Hz / 60Hz
Packing Information :	
Net Weight - Main Unit	25 kg
Net Weight - Water Tank (30L/60L)	7 kg
External Dimensions (WxDxH) - Main Unit	315 x 525 x 570 mm
External Dimensions (WxDxH) - Water Tank (30L/60L)	380 x 380 x 595 mm

Shipping Weight - Main Unit	37 kg
Shipping Weight - Water Tank (30L/60L)	13 kg
Shipping Dimensions (WxDxH) - Main Unit	525 x 610 x 770 mm
Shipping Dimensions (WxDxH) - Water Tank (30L/60L)	520 x 440 x 615 mm
Notes	* If feed water quality is poor (Conductivity > 1000 $\mu\text{S}/\text{cm}$), a strengthened pretreatment module and RO-2 type are highly recommended.** When the hardness of feed water is high (> 450 ppm as CaCO_3), a 0.5T water softener is recommended.
Alt Name	Pure Water Purification System



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