



# Type II Water Purification System

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## (Double Pass Models)

 labodam

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## Type II Water Purification System

Type II Water Purification System LTWP -B1 series is a 30 L / 80 L capacited revolutionary, modular design which helps in elimination of large amount of salts and other minerals from water using 2 stages of RO. It provides Type II level water with consistency and reliability with a TOC level of < 20 ppb. Remove approximately 98% of inorganic ions and 99% of all dissolved organic substances. Equipped with easy replaceable filters. It's designed to deliver compliant purified water with clear quality parameters and care free maintenance

### Features

- ▶ Advanced Double Pass reverse osmosis system for excellent water quality
- ▶ Equipped with 30 L / 80 L water holding tank
- ▶ TOC level < 20 ppb
- ▶ Type II level water produced
- ▶ Source of inlet water – Tap water
- ▶ Benchtop / Floor Standing
- ▶ LCD display to monitor the intake of water pressure and various parameters intuitively
- ▶ Anti-fouling RO membrane prevention programme
- ▶ Online monitoring of water resistance
- ▶ Ease of cleansing , disinfecting and draining waste water
- ▶ Micro filter membrane to filter out pollutants
- ▶ Automatic RO membrane antiscaling flushing to extend the life of the RO membrane

## Type II Water Purification System

### Specification

Model No	LTWP-B10	LTWP-B11	LTWP-B12
Output of Pure water	≥ 10 L / hr.	≥ 20 L / hr.	≥ 30 L / hr.
Process	Double Pass RO system	Double Pass RO system	Double Pass RO system
Water Type	Type II	Type II	Type II
Water Tank capacity	30 L	30 L	30 L
Configuration	Benchtop	Benchtop	Benchtop
Output of Ultrapure water	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min
Resistivity at 25°C	10-16 M Ω. cm	10-16 M Ω. cm	10-16 M Ω. cm
Conductivity at 25°C	≤ 5 μs / cm	≤ 5 μs / cm	≤ 5 μs / cm
TOC	< 20 ppb	< 20 ppb	< 20 ppb
Absorbance (254 nm)	≤ 0.001	≤ 0.001	≤ 0.001
Reactive Silica (SiO <sub>2</sub> )	< 0.01 ppm	< 0.01 ppm	< 0.01 ppm
Heavy metal	< 0.01 ppm	< 0.01 ppm	< 0.01 ppm
Electrical requirements	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz
Power	≥ 150 W	≥ 200 W	≥ 450 W
Dimensions (L x W x H)	340 x 550 x 530 mm	340 x 550 x 530 mm	340 x 550 x 530 mm
Weight	40 kg	40 kg	40 kg

## Type II Water Purification System

### Specification

Model No	LTWP -B13	LTWP -B14
Output of Pure water	≥ 40 L / hr.	≥ 50 L / hr.
Process	Double Pass RO system	Double Pass RO system
Water Type	Type II	Type II
Water Tank capacity	80 L	80 L
Configuration	Floor Standing	Floor Standing
Output of Ultrapure water	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min
Resistivity at 25°C	10-16 M Ω. cm	10-16 M Ω. cm
Conductivity at 25°C	≤ 5 μs / cm	≤ 5 μs / cm
TOC	< 20 ppb	< 20 ppb
Absorbance (254 nm)	≤ 0.001	≤ 0.001
Reactive Silica (SiO <sub>2</sub> )	< 0.01 ppm	< 0.01 ppm
Heavy metal	< 0.01 ppm	< 0.01 ppm
Electrical requirements	220 V / 50 Hz	220 V / 50 Hz
Power	≥ 450 W	≥ 550 W
Dimensions (L x W x H)	340 x 550 x 530 mm	340 x 550 x 530 mm
Weight	40 kg	40 kg



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