



# **Type III Water Purification System**

(Double Pass Models)

## TYPE III WATER PURIFICATION SYSTEM

Type III Water Purification System LHWP -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 III level water which is required for chemical and physical inspection or for washing lab glassware's. 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
- Type III 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 III WATER PURIFICATION SYSTEM

### Specification

Model No	LHWP-B10	LHWP-B11	LHWP-B12
Output of Pure water	≥ 10 L / hr.	≥ 20 L / hr.	≥ 30 L / hr.
Water Type	Type III	Type III	Type III
Water Tank capacity	30 L	30 L	30 L
Configuration	Benchtop	Benchtop	Benchtop
Process	Double Pass RO system	Double Pass RO system	Double Pass RO system
Water intake flowrate	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min
Conductivity at 25°C	< 5 µs / cm	< 5 µs / cm	< 5 µs / cm
pH	5.0 – 7.5	5.0 – 7.5	5.0 – 7.5
Oxidizabes	≤ 0.4 mg / L	≤ 0.4 mg / L	≤ 0.4 mg / L
Evaporation residue	≤ 2.0 mg / L	≤ 2.0 mg / L	≤ 2.0 mg / L
Electrical requirements	220 V / 50 Hz	220 V / 50 Hz	220 V / 50 Hz
Power	≥ 150 W	≥ 200 W	≥ 350 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	35 kg	35 kg	35 kg

## TYPE III WATER PURIFICATION SYSTEM

Model No	LHWP-B13	LHWP-B14
Output of Pure water	≥ 40 L / hr.	≥ 50 L / hr.
Water Type	Type III	Type III
Water Tank capacity	80 L	80 L
Configuration	Floor Standing	Floor Standing
Process	Double Pass RO system	Double Pass RO system
Water intake flowrate	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min
Conductivity at 25°C	< 5 µs / cm	< 5 µs / cm
pH	5.0 - 7.5	5.0 - 7.5
Oxidizabes	≤ 0.4 mg / L	≤ 0.4 mg / L
Evaporation residue	≤ 2.0 mg / L	≤ 2.0 mg / L
Electrical requirements	220 V / 50 Hz	220 V / 50 Hz
Power	≥ 350 W	≥ 500 W
Dimensions (L x W x H)	340 x 550 x 530 mm	340 x 550 x 530 mm
Weight	35 kg	35 kg



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