



Type III Water Purification System

(Single Pass Models)

TYPE III WATER PURIFICATION SYSTEM

Type III Water Purification System LHWP - A1 series is a 30 L / 80 L capacited modular design which meets the needs of basic laboratory water purifier. It provides Type III level water which is required for chemical and physical inspection or for washing lab glassware's. These systems produce and reject water at the same time .Equipped with easy replaceable filters, it's designed to deliver compliant purified water with clear quality parameters and care free maintenance.

Features

- Advanced Single 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 -A10	LHWP -A11	LHWP -A12
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	Single Pass RO system	Single Pass RO system	Single Pass RO system
Output of Ultrapure water	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min
Conductivity at 25°C	< 10 µs / cm	< 10 µs / cm	< 10 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	≥ 100 W	≥ 150 W	≥ 200 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	30 kg	30 kg	30 kg

TYPE III WATER PURIFICATION SYSTEM

Model No	LHWP-A13	LHWP-A14
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	Single Pass RO system	Single Pass RO system
Output of Ultrapure water	≥ 1- 1.5 L / min	≥ 1- 1.5 L / min
Conductivity at 25°C	< 10 µs / cm	< 10 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	≥ 200 W	≥ 350 W
Dimensions (L x W x H)	340 x 550 x 530 mm	340 x 550 x 530 mm
Weight	30 kg	30 kg



Labtron Equipment Ltd.

Basing View, Basingstoke, Hampshire RG21 4RG, UK

Phone: +442080043587

info@Labtron.com | www.Labtron.com