



TYPE III WATER PURIFICATION SYSTEM LHWP-C10

Type III Water Purification System LHWP-C10 is an advanced and economical model comprising pretreatment system, RO system, purification resin cartridge and water system conveying unit and control system. Features compact, desktop design with water production rate of ≥ 20 L/h. Built-in RO membrane anti-scale, timing automatic flush procedures, manual RO membrane cleaning button for easy operation and control. With LCD display, water shortage protection and alarm, power-off protection, the machine offers full automatic control over the whole process of purification. Equipped with 24.6 L (approx.) pressure water tank, self-testing, booster pump and USA imported RO membrane, this machine provides grade III purified water from tap water.

Features

- ❑ Advanced and economical model of Molecular pure water Machine
- ❑ Compact, desktop design comprising pretreatment system, RO system, purification resin cartridge and water system conveying unit and control system
- ❑ 24.6 L (approx.) pressure water tank, water production rate of ≥ 20 L/h
- ❑ Built-in RO membrane anti-scale, timing automatic flush procedures
- ❑ Manual RO membrane cleaning button for easy operation and control
- ❑ Water shortage protection and alarm, power-off protection
- ❑ Machine goes to stand-by, when the water is full
- ❑ Equipped with self-testing, booster pump and USA imported RO membrane
- ❑ Full automatic control over the whole process of purification
- ❑ Conductivity display in LCD screen
- ❑ Provides grade III purified water from tap water
- ❑ Ease of cleansing, disinfecting and draining waste water

Application

Type III Water Purification System is used for Glass washer Feed, Autoclave Feed, Feeding Ultrapure Water Systems, Hydroponics, Steam Generators etc.

Water Purification Schematic flow

Tap water → 1st PP filter → 2nd AC filter → 3rd stage softener filter → 4th stage PP filter → 1st Booster pump → 1st stage Reverse osmosis membrane → 2nd Booster pump → 2nd stage Reverse osmosis membrane → Purification resin cartridge → 24.6 L (approx.) Pressure water tank → purified water outlet

Specifications

Model	LHWP-C10
Output of pure water	≥20 L/h
Water type	III type
Configuration	Desktop
Pressure water tank capacity	24.6 L (approx.)
Temperature	5 to 40°C
Humidity	10 to 80% RH
Process	Double pass RO system
Conductivity at 25°C	<5 µs/cm
Feed water	Tap water; TDS<400ppm
Feed water temperature	5 to 40°C
Water taking rate	1 to 1.5 L/min
RO membrane salt rejection	98 to 99%
pH	5.0 to 7.5
Organics removal	99%
Display	LCD
Power supply	220 V/50 Hz
Power	200 W
Dimension (L×W×H)	340×550×530 mm
Packaging dimension (W×D×H)	700×625×1130 mm
Gross weight	65 kg

Standard Accessories:

Accessories no.	Accessories Name
1	1st stage PP filter ×1 set
2	2nd activated Carbon filter ×1 set
3	3rd softener filter ×1 set
4	4th PP filter ×1 set
5	1st stage RO membrane ×1 set
6	2nd stage RO membrane ×2 sets
7	Purification resin cartridge ×1 pc
8	Pressure water tank (24.6 L approx.) × 1 set