



A wish for wellness...

Multi Stage Water Purifiers & Spares  
Domestic | Commercial | Industrial

# User's Manual



A wish for wellness...

Multi Stage Water Purifiers & Spares  
Domestic | Commercial | Industrial

Marketed By :

**Hi-Tech Sweet Water Technologies Pvt. Ltd.**

An ISO 9001:2008, 14001:2004, 18001:2007 Certified & N.S.I.C. - C.S.P.O. Registered Company

National Toll Free No.: 1800 120 1212

Call Center No.: +919898047820 / +919898022557

Email: sales@hitechro.net • Visit us at www.hitechro.net

Distribution & Service By:



Reduce ! Reuse ! Recycle !



# INDEX

- 1** Installation and Operation Precautions
- 2** Appearance of the Machine
- 3** Microcomputer Controller Instructions
  - a** LCD Pattern and the Contents
  - b** Function and corresponding LCD Description
- 4** Feature and Installation Conditions
- 5** Working Flow Diagram
- 6** Installation Guide
- 7** Maintenance
- 8** Packing List
- 9** Warranty
- 10** Installation Card

Welcome to the Hi-Tech Family, Thank you for choosing our Hi-Tech Cloud system and now you are associated with the technology as health conscious people. This high quality unit has been designed for quick and simple installation and maintenance.

You will be surprised to know that, there is no waste water outlet because CLOUD brings you an unique prototype towards Global Water sustainability by recycling the waste water.

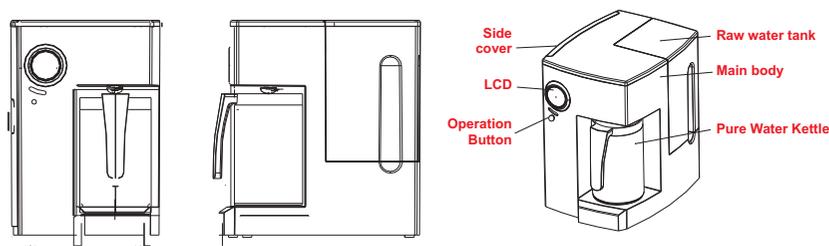
Please read this entire installation & service Guide prior to installation.

## 1. Installation and Operation Precautions

In order to avoid any injuries or damages, please make sure to obey the following instructions.

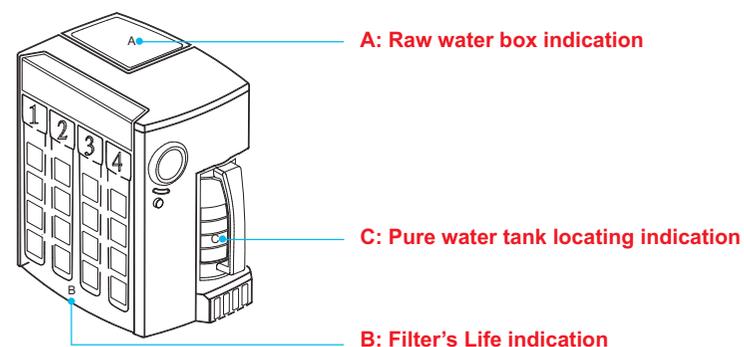
- 1.) Please check whether any parts inside are physically damaged during transportation.
- 2.) Please take out the filter inside.
- 3.) Please check if the rating voltage is the same with the local electricity.
- 4.) Please contact the local seller for any query.

## 2. CLOUD Layout



## 3. Microcomputer Controller Instructions

### a.) LCD Pattern and Contents

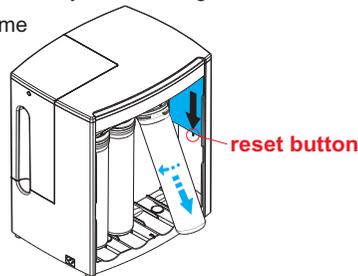


The outline light shows the machine shape. It will be light **ON** once power **ON**. The RAW Water tank shows the position of the tank. When the blue light is **ON**, it means there is enough water inside. And when it's **OFF**, it means there's not enough water. When the blue light flashes, it means the box is not there or displaced.

The filter pattern has three parts. Filter frame shows the cartridge, which will be **ON** once power **ON**. The numbers and the oval parts show different stages. The four color blocks (25% each) beneath each number represent the life of Filters. Any Filter Life is **FULL** at time of Installation. If its 4 blocks display blank, then filter frame starts to flash.

## b. Function and corresponding LCD Description

- 1) For 1st time usage, please press the FLUSH button to fill and flush the filter cartridge. Repeat this process for 2 - 3 times for better filter life. For normal usage this process can be done anytime for filter flushing.
- 2) Once switched on, the machine will be on standby Mode. Soft push the operation button and it starts making pure water. Once finished, the pure water kettle sign will be on.
- 3) The pump will stop working after 10 seconds if there's not enough water in the raw water tank. The tank will flash showing shortage. Users need to empty the drained water in the tank and fill tap water. Then press the working button and the machine will continue working.
- 4) Once any water tank is taken away, the machine will cease working and the corresponding part will flash.
- 5) When the machine is working, LCD will flash in cycle from raw water tank to pure water tank part one by one to show the water making process. Each part on LCD flashes for 2 seconds till 14 seconds for full one water purification cycle.
- 6) On lack of water, the raw water tank part will flash.
- 7) When the raw water tank is taken away, the corresponding part will flash and blue part is off.
- 8) The four color blocks beneath each cartridge represents the usage percentage of the Filter's Life. One block equals 25% of Filter's Life. When any Filter's Life gets full, It's 4 blocks will be empty and the corresponding LCD frame starts to flash indicating for urgent replacement of the filter cartridge.
- 9) When any frame of the four stages is flashing or the four color blocks are all off, users need to change the filters. Press the reset button for new life cycle after replacement.



## 4. Feature and Installation Conditions

### a. Parameter

Model	CLOUD
Working Voltage	DC24V
Inlet Water Pressure	0 - 0.2 MPa
Water Temperature	5°C ~ 45°C
Pure Water Flow Rate	12 ltr/hr
Total Pure Water Volume	285 ltr/day
Pure Water Kettle Volume	1.4 ltr
Inlet Water Quality	TAP Water

### b. Features and Functions :

**CLOUD**, as a newly designed RO purifier, doesn't need to be dependent on Technician for Installation. Its simple shape and elegant structure enables the valued user for any point of use whether home or office or anywhere.

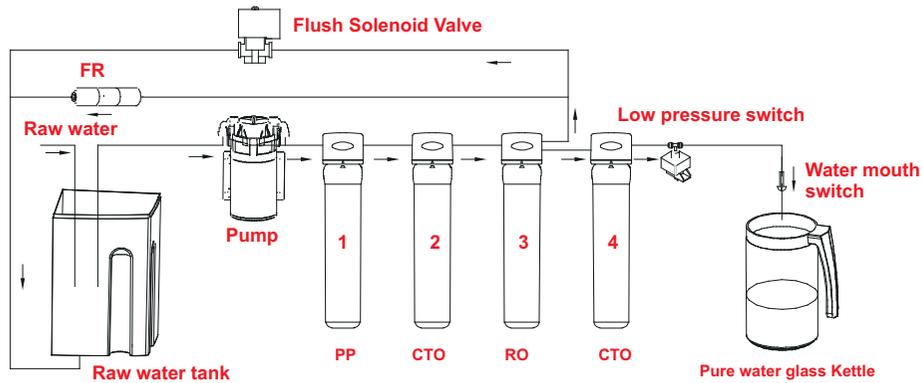
LCD displays the water making process and Filter Life.

The lift and rotate designed filters make it much easier for the users to change the filters by themselves without any tools.

The external design of the product is perfect and easy to clean up.

The purifier is equipped with four stages filters including Sediment, CTO, RO, Post Carbon.

## 5. Working Flow Chart



With this four staged RO System, We guarantee you a fresh and pure drinking water.

### Stage 1 : PP (5mic) Sediment Filter

which can remove floater such as sand, iron, rust, copper rust and phosphor.

### Stage 2 : CTO Carbon Block Filter

which can remove chlorine, organic, color, odor and floating particles.

### Stage 3 : TFC RO Membrane

which can remove bacteria, virus, chemical material and heavy material.

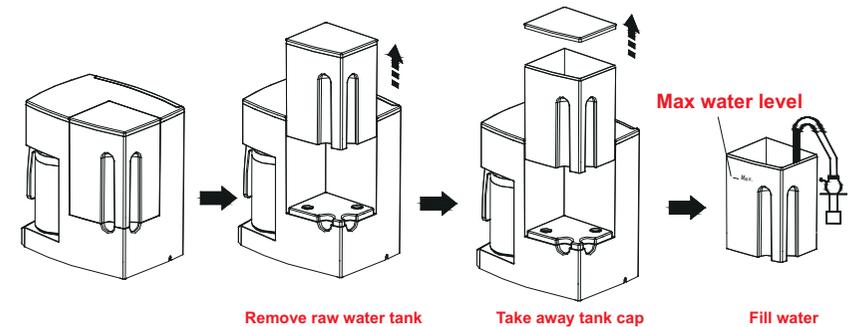
### Stage 4 : Post Coconut Carbon Filter

which can improve taste of water.

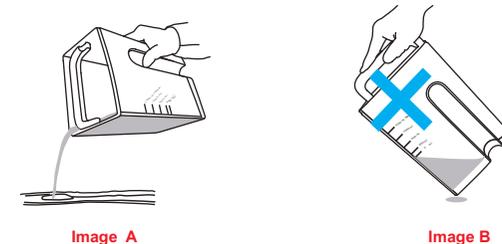
## 6. Installation Guide

Please do comply with the following instructions strictly.

- 1.) Take out raw water tank, fill it with tap water not over the maximum level as indicated on the raw water tank and put it back. The pure water kettle should be put in right location.
- 2.) Plug in
- 3.) Press the operation button to start making pure water.



- 4.) Please drain the remained water in the tank as per the instruction indicate on image A but not image B, which may cause the handle to break.



## PRECAUTIONS

- 1.) After plugging it, make sure the raw water tank and pure water kettle are in the right place.
- 2.) Check if the LCD works well.
- 3.) Using the machine first time or after changing the filters, the pure water will be dirty with black color as new CTO flushing. It is normal for 1-3 bottles. So follow the flushing procedure as previously mentioned.
- 4.) Make sure the raw water tank has enough water but not over the maximum level.

## 7. Maintenance

### ■ Recommended replacing period for the filters based on basic tap water :

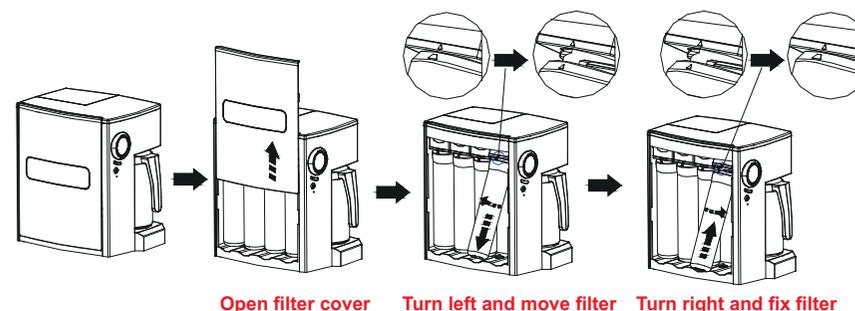
PP 5 mu Sediment Filter	6 month
CTO Filter	6 month
HI-TECH RO Membrane	2 years
Post Filter - CCF	12 months

### ■ Should replace filters under the following circumstances :

	SYMPTOMS	REASONS
1.)	The water making is too slow (more then 15 minute for 1 Kettle)	first two pre-filter or the membrane are blocked
2.)	The water production is too fast (less then 5 minute for 1 Kettle)	The membrane is damaged
3.)	The water tastes is not good	The post filter life expires
4.)	The removal rate of the membrane is less than 75%	RO Membrane life is expires

### ■ Replacing Filters

- 1.) Plug out the cord for cutting electricity connection, and remove the water from RAW Water Tank and Pure water glass kettle.
- 2.) Open the filter cover.
- 3.) Hold the filter little outside and screw it left-handed way to remove.
- 4.) There is a trapezium on the filter. Adjust it to the triangle on the filter cap and screw it to the cap right-handed tightly.



## 8. Packing List

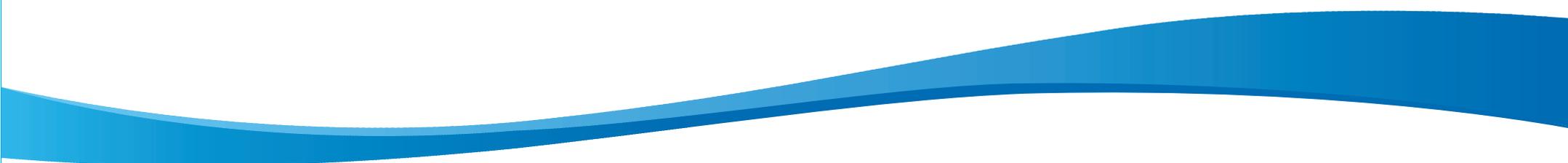
CLOUD RO apparatus	1 set
Pure Water Kettle	1
Manual	1 copy
Wire(AC220V/DC24V)	1

## 9. Warranty

---

- 1.) The warranty period to this product is one year from the day you purchase or install the machine. In order to ensure the benefit of the customer, if the product is used normally, the company is responsible for free maintenance (except for the filter). Customers can bring the purchasing invoice and service card to have the product repaired at the local seller.
- 2.) If the maintenance is after the end of the warranty period, customers must pay a reasonable charge.
- 3.) Do not disassemble the machine if you find a problem with the product. Contact the local seller, else you will miss a free maintenance opportunity. The company assumes no responsibility for this.
- 4.) Under following conditions, the company will not give free maintenance.
  - a) The Damage has been caused by the customer's incorrect usage.
  - b) People other than our technicians have disassembled the machine and damage it.
  - c) There is no invoice or the invoice doesn't match the product.
  - d) The damage has been caused by force majeure.
  - e) The Replaced components are not original as per then manufacturing company.
- 5.) Please keep the package for at least 6 months to make maintenance easier.

**THANKS YOU FOR CHOOSING HI-TECH CLOUD**



**Customer Copy**

**WARRANTY CARD**

**Product Name :** CLOUD

**Serial No.:** \_\_\_\_\_

**Customer Details**

**Customer's Name :** \_\_\_\_\_

**Customer's Address :** \_\_\_\_\_  
\_\_\_\_\_

**Customer's Contact No.:** \_\_\_\_\_

**Warranty Details**

**Invoice No. :** \_\_\_\_\_ **Invoice Date :** \_\_\_\_\_

**Installation Date :** \_\_\_\_\_ **Stamp** \_\_\_\_\_

**Disclaimer :**

Company is not responsible for Guarantee and Warranty.  
Dealer is liability for Guarantee & Warranty of the product.