

NEOPURE WATER PURIFIER RANGE

MODEL NAME FILTRATION DETAILS	ELITE RO+UV+TDS	ELITE Plus RO+UV+TDS+ UF+AAA 9 STAGE	PRIME RO+UV+TDS	CRYSTA RO+UV+TDS	ULTRA UV+UF	ULTRA Plus RO+UV+TDS
NO OF FILTRATIONS	7 STAGE	9 STAGE	7 STAGE	7 STAGE	6 STAGE	7 STAGE
STAGE 1 PRE FILTER	✓	✓	✓	✓	✓	✓
STAGE 2 SEDIMENT FILTER	✓	✓	✓	✓	✓	✓
STAGE 3 PRE CARBON FILTER	✓	✓	✓	✓	✓	✓
STAGE 4 RO MEMBRANE	✓	✓	✓	✓	✗	✓
STAGE 5 ULTRA VIOLET LAMP 11W	✓	✓	✓	✓	✓	✓
STAGE 6 POST CARBON FILTER	✓	✓	✓	✓	✓	✓
STAGE 7 ULTRA FILTRATION	✗	✓	✗	✗	✓	✗
STAGE 8 MINERAL BALANCING (TDS)	✓	✓	✓	✓	✗	✓
STAGE 9 ALKALINE CARTRIDGE (PH ENHANCER)	✗	✓	✗	✗	✗	✗
STORAGE TANK CAPACITY	12 Litres	12 Litres	9 Litres	12 Litres	7 Litres	7 Litres

Authorised Dealer's Stamp

15-12-2017

www.neopure.in

neopure®

LIVE HEALTHY
Water Purifier



USER'S MANUAL



CONTENTS

1. Welcome	1
2. Reverse Osmosis Process	1
3. RO + UV	1
4. System Front View Layout	2
5. Advance Features	3
6. Purifier Accessory	3
7. System Flow Chart	4
8. Electrical Diagram	4
9. Important Instructions	5
10. How To Install	6
11. Starting Up Purifier	8
12. Maintenance	8
13. TDS Adjustment	9
14. Technical Specifications	9
15. Automatic Operations	9
16. Troubleshooting	10
17. Warranty Card	11



ELITE



ELITE PLUS



PRIME



CRYSTA



ULTRA



ULTRA PLUS

- This water Purifier is warranted for a period of 12 months from the date of sale against defects of manufacturing and workmanship only.
- For best performance of this unit input water TDS should be less than 2000 PPM
- Please preserve warranty card and ensure that this is duly stamped and signed by the dealer with Address, Telephone No. & original copy of Invoice.
- The customer will have no claim under this Warranty is respect of Personal injury, damage to property or consequential losses for utilisation of the goods not in accordance with the user's manual.
- Components subject to wear, such as pre-filter cartridge, activated carbon and membrane are covered for one time replacement at the time of warranty period.
- This is the sole responsibility of the Dealer to provide satisfactory service to his customers during the warranty period, manufacturer is not responsible for servicing.
- The T.D.S. of RO water and flow Rate of RO System differ on feed water.
- Customers are deemed to have read, understood and agreed to these conditions at the time of purchase.
- Disputes, if any, related to **Neopure** Water Purifier sale, performance or any other purpose related to water purifier are subject to jurisdiction of courts of Bangalore only.

Authorised Dealer's Stamp

- This water Purifier is warranted for a period of 12 months from the date of sale against defects of manufacturing and workmanship only.
- For best performance of this unit input water TDS should be less than 2000 PPM
- Please preserve warranty card and ensure that this is duly stamped and signed by the dealer with Address, Telephone No. & original copy of Invoice.
- The customer will have no claim under this Warranty is respect of Personal injury, damage to property or consequential losses for utilisation of the goods not in accordance with the user's manual.
- Components subject to wear, such as pre-filter cartridge, activated carbon and membrane are covered for one time replacement at the time of warranty period.
- This is the sole responsibility of the Dealer to provide satisfactory service to his customers during the warranty period, manufacturer is not responsible for servicing.
- The T.D.S. of RO water and flow Rate of RO System differ on feed water.
- Customers are deemed to have read, understood and agreed to these conditions at the time of purchase.
- Disputes, if any, related to **Neopure** RO Water Purifier sale, performance or any other purpose related to water purifier are subject to jurisdiction of courts of Bangalore only.

Auth. Dealer's Stamp

WELCOME TO Neopure

Dear Customer,

Congratulations and a warm welcome to the **Neopure** RO Water purifier. **Neopure** is a well known company dealing in water purifiers. Our brand name has become most popular & acceptable Nation-wide because of outstanding quality & uncompromising components. We have 10 years of experience in manufacturing of RO water purifiers. We do continues up-gradation of our products as per various needs.

We selects accurate combination of components with technical strength and innovation. Whether your need domestic, Commercial, Water ATM & Industrial RO water purifies and their components, we offer a single point access and availability under one roof.

This booklet will help you to familiarize yourself with its operation and maintenance.

You can look forward to years to trouble free product.

REVERSE OSMOSIS PROCESS

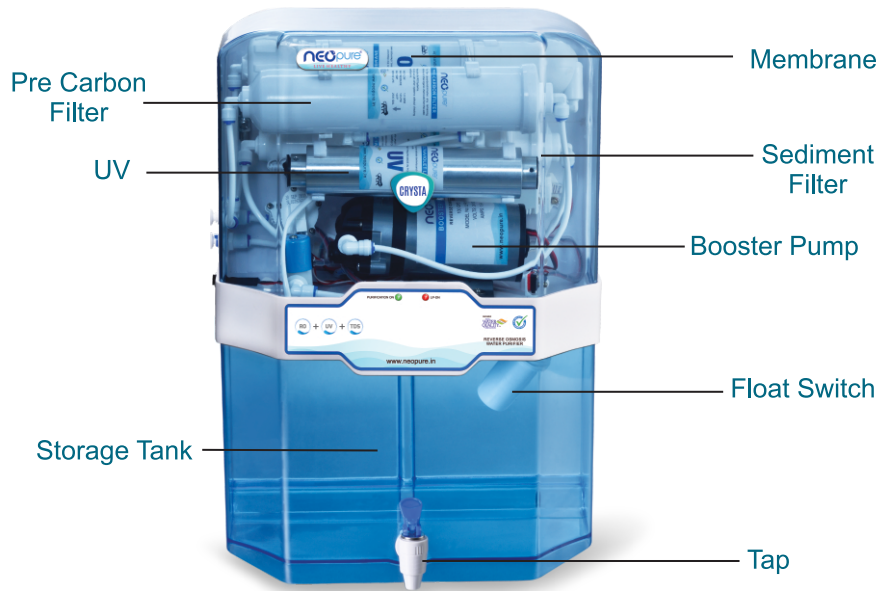
It is multi stage advanced R.O. water purifier that to makes even ground & salty water to bottled water Quality. Water is passes through a semi-permeable membrane by applying strong pressure, thereby allowing only fine water molecules to pass through Membrane. The pore size of RO membrane is less than 0.0001 micron, so all contaminants such as bacteria, Viruses, herbicide, heavy metals and chemical poisons are discharged separately through reject port and only pure water is collected for drinking.

RO + UV

UV purifier deactivates bacteria and virus from contaminated water but does not remove dissolved impurities, whereas R.O. purifier removes these dissolved impurities.

Neopure has features of both purifiers and provides you Purified water free from bacteria, virus and heavy metal with controlled TDS.

System Front View



Ultra Filter, AAA Cartridge Optional

Salient Features of Neopure RO Systems

- Fully Automatic operation
- Low pressure switch for dry run protection
- Reduces up to 95% TDS level of water
- Bio AAA / activated Carbon filter to restore the natural properties of the water
- Food Grade unbreakable ABS cabinet
- Wall mount and table top options

Warranty Card

CUSTOMER COPY

neopure[®]

Bill No.

AN ISO 9001-2015 CERTIFIED COMPANY

D.O.I.

ALL KINDS OF WATER PURIFIER & R.O. SYSTEM ARE AVAILABLE

Customer Name.....

Address

Ph. (R)..... (M).....

Model Name.....Unit SI. No.

SERVICES	DATE	SERVICE ENG.	REMARKS
1st - Free			
2nd - Free			
On call Breakdown			

NEOPURE FILTRATION INC. No.16/10, 1st Floor, 3rd Main,
14th Cross, Wilson Garden, Bengaluru - 560 030. Ph: 91644 39666

Dealer Signature

Warranty Card

DEALER COPY

neopure[®]

Bill No.

AN ISO 9001-2015 CERTIFIED COMPANY

D.O.I.

ALL KINDS OF WATER PURIFIER & R.O. SYSTEM ARE AVAILABLE

Customer Name.....

Address

Ph. (R)..... (M).....

Model Name.....Unit SI. No.

SERVICES	DATE	SERVICE ENG.	REMARKS
1st - Free			
2nd - Free			
On call Breakdown			

Your Suggestions are Welcome

No.

Customer Signature

TROUBLESHOOTING

S.No.	PROBLEM	POSSIBLE CAUSE	SOLUTION
1.	No product water	Water Supply is turned off / no raw water	Turn on feed water / supply water
2.	Not enough product water	Low water pressure feed Water supply is blocked Clogged pre-filter Cartridge or membrane	Check source water line pressure Clear restriction. Replace pre-filter or membrane cartridge
3.	System does not shut off	Float switch is not working	Call service technician
4.	No Reject water	Clogged flow restrictor tube or Membrane	Call service technician
5.	Leak at fitting	Tubing not connected tightly or Defective tube	Tighten the connector Cut damaged area from tube or replace the tube
6.	Output TDS not stable	Taste control valve is not functional	Set control valve or call Service Technician
7.	Abnormal cycling of notice	Pre-filter clogging or low feed water	Change the filter or Adjust sufficient feed water
8.	Pump not Working	Loose electrical connection Burnt adaptor/SMPS	Replace Adapter/ call Technician
9.	Pump functioning but not producing purified water	Pre-filter, carbon cartridge clogging. Water inlet solenoid valve failed	Check & Replace the cartridge Check & replace the solenoid valve
10.	No UV Lamp indicates on	UV Tube is not working	Change UV Tube or fault in electric circuit
11.	Leakage at Pre-Filter	Defective or misaligned "O" Ring	Replace "O" Ring
12.	Leak at threaded or joints	Connecting nut loosened or not properly tightened	Tape the thread with Teflon tape & tighten evenly and firmly or change connector
13.	Bad tasting water	Check TDS Level & Check Pre & Post Carbon Filter & Membrane	Flush the tank Change pre & post Carbon or membrane
14.	Pump cycling Abnormally on and off	pre-filters may have clogged or inlet water pressure is too low	Change filters or bypass low pressure switch for emergency use
15.	Slow production of Purified Water	Chocking Membrane, Pre-Filter or Cartridges	Replace RO Membrane, Pre-Filter or Cartridges

ADVANCE FEATURES

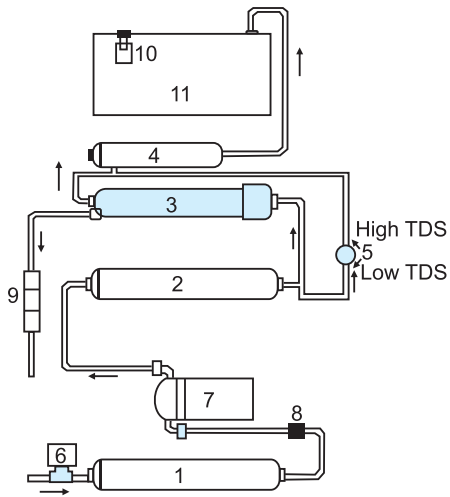
- Wall mounted and Over the counter suitable for Indian home & offices.
- In built Transparent moulded water storage tank to visualise the availability of purified water.
- Specially ABS first grade cabinet with transparent front glass to protect the system from dust & moisture.
- Most durable, elegant & compact system available for the 1st time in R-O technology.
- Automatically displays system status with different colour LEDs like power, tank full, system on and low Inlet water pressure (on selected models only).
- Fully automatic on/off by micro switch controller.
- TDS of purified water adjustable at customer's premises. (Only in RO+UV systems)
- Can be used on Inverter also.

Purifier Accessory

Please check the following items in the packaged box :

- | | |
|--|-------------|
| 1. Water Purifier Unit | : 01 No. |
| 2. 3-Way Connector | : 01 No. |
| 3. S.S. Ball Valve | : 01 No. |
| 4. Food Grade Pipe (White) | : 06 meters |
| 5. User's Manual | : 01 No. |
| 6. Water Tap | : 01 No. |
| 7. Power Supply | : 01 No. |
| 8. Hanging screw, Gitti, measure strip for accurate installation | : 02 No. |
| 9. Teflon Tape Role | : 01 No. |

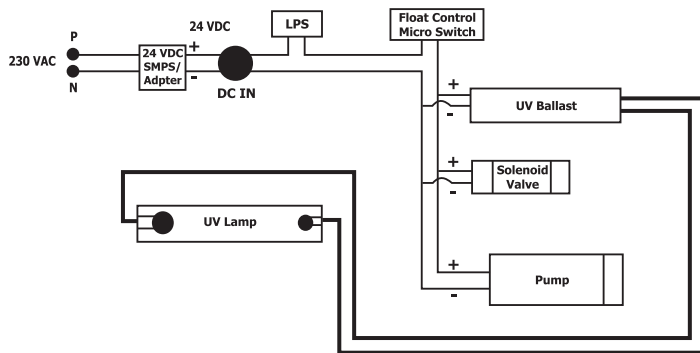
System Flow Chart



1. Sediment Filter
2. Active Caron Filter
3. RO Membrane
4. UV / Post Carbon
5. TDS Control Valve
6. Low Pressure Switch
7. Booster Pump
8. Solenoid Valve
9. Flow Restrictor Tube
10. Float Switch
11. Storage Tank

NOTE : Modification in the product may be introduced from time to time and consequently the details given in this manual are subject to alteration without prior notice.

Electrical Circuit Diagram



TDS Adjustment

This valve permits the user to control the presence of natural minerals in R-O purified water, best TDS level is 50-150ppm.

To increase the TDS level turn Control Valve anticlockwise. It will result in more salt content in purified water. To reduce the TDS level turn the TDS control valve clockwise. It will result in less salt content in purified water.

Technical Specifications*

BRAND	Neopure
Applications	Suitable for Brackish/Tap & Ground Water
Purifying Capacity	Upto 15 LPH
Body Material	ABS injection moulded
Mounting	On the Wall & Over the counter
Dimensions(mm)	H 438 W 337 D 190 mm
Inlet Water Pressure (Min)	0.3 Kg./Cm ²
Filter Cartridge	Sediment, Pre-carbon and UV/UF/ Post carbon/Alkaline
Weight	10 Kg. Approx.
Storage Tank Volume	7-12 Liters (according to models)
Membrane type	Thin film composite RO
Booster Pump Voltage	24 V DC 30 Watt.
Mains Voltage	220 V AC/ 50 Hz

*Specifications may be change without prior notice.

Automatic Operation

- The purifier automatically shuts off when the purified water tank gets full.
- The purifier does not start when inlet water supply is below 0.3 kg/cm² and overhead tank is empty.
- The purifier automatically restarts when water level drops below the maximum.

Starting Up Purifier

- Switch on the power supply and confirm that low pressure LPS LED should be on. It will indicate to you that your inlet water pressure is sufficient for water purifier.
- Now the purification LED is on means your purifier is purifying the water.
- Wait approximately for an hour so that the storage tank fully fills up, tank full LED will indicate you that your storage is completed.
- Switch off the power supply and open the delivery tap and drain out (1st Storage) once before drinking.
- Your purifier is ready to use.
- Must drain out your stored water (inbuilt tank) once in a month to clean the storage tank.

Maintenance

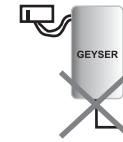
- To ensure that the purifier operates at its optimum level, a routine maintenance must be performed. The frequency of the maintenance will greatly depend on feed water quality and the level of purifier usage.
- Replace sediment filters as required or after every 12 months, depending on the raw water quality and consumption.
- Replace the RO membrane when pure water TDS level goes up.
- cleaning of UV tube should be done regularly once in a year. (If system having UV).
- Activated carbon filter must be replaced once in a year.
- If you are not going to use the purifier for a long time (in case you are on a holiday tour or out of home), make sure that you disconnect the power supply, turn off the raw water supply.

Note : Membrane and Filters are consumables. Their replacement is time dependent on the quality of raw water and water consumption, they are not covered under the warranty. The capacity of RO purifier will reduce with time due to clogging of pores of membranes.

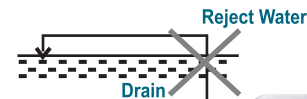
Important Instructions



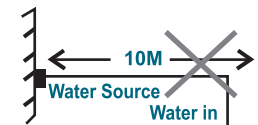
Avoid exposure to direct sunlight and installation in damp areas.



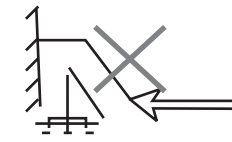
Make sure that the purifier is connected to cold water supply only.



Make sure that the reject water pipe is not placed at a higher level from the system, otherwise dirty water may flow backwards into the purifier.



The maximum distance between the water source and the purifier should not be more than 3 meters.



Avoid sharp bends in the pipe fittings. Do not bend or block the reject water pipe.



Purifier always connect to the overhead tank water supply.



In case of not using the purifier for more than two days, kindly switch off the power supply and drain the storage tank.



To keep the storage tank clean, it should be drained once in 15 days.



If UV lamp is not on when the system is purifying the water. Call the technician.



Do not try to service the purifier on your own. Instead, call service technician for help.



How to Install

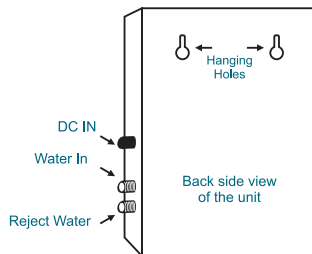
The **Neopure** Water Purifier is a product of advanced technology which ensures safe and clean drinking water. The purifier is easy and convenient to install.

Recommended Site Preparations :

- 220 Volts signal phase AC connection not longer than 1 meter point of installation of purifier.
- Raw water supply with ½" nipple not more than 3 Meters. Drain for rejected water not more than 3 Meters.
- Space as per dimensions of the purifier.
- For Wall hanging Plane surface for mounting with two screws holding the machine or smooth surface for over the counter.
- For optimum performance minimum inlet pressure required, ensure that the raw water supply tank is at least 8-10 ft above the level at which the purifier is installed.
- It is preferable to install the purifier near a sink so that inlet and reject water lines are easily available.

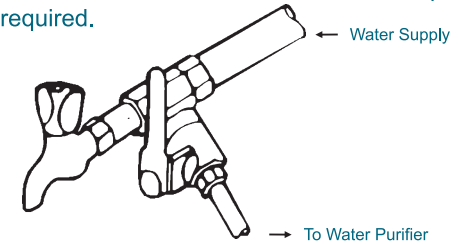
Installation Procedure :

1. This is universal procedure to install the RO system even you can install any purifier with small difference like wall hanging systems, over the counter & under the counter Water Purifier.
2. Two self tapping screws (supplied with the package) on a same horizontal level at a distance of hanging holes of given backside of the unit. Measure strip is given in packing.
3. Carefully hang the purifier on the wall with the help of wall mounting slot holes present on the back side of the purifier as shown in the figure below.

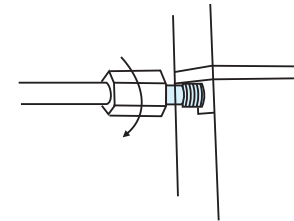


4. Fix the SS ball valve to the ¼ inch port of the 3-way connector as shown in the figure.

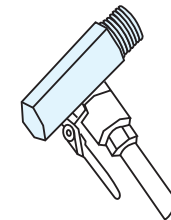
5. Connect the 3-way connector to the raw water supply as shown in the figure. The threaded end of the 3-way connector is fitted in line with the raw water supply. The other end can be connected to a tap or can be plugged off if not required.



6. Now connect one end of the white pipe to the SS ball valve and other end to the Upper hex connector on the left hand side of the purifier labeled as WATER IN with help of connector nuts.



7. Similarly, connect one other end of the White pipe to the lower hex connector labeled as REJECT WATER and leave the other end in the drain.
8. Before connecting the power supply, it is important that you perform the following functions :
 - (i) Open the SS ball valve (Handle parallel to the ball valve) to start the flow of water into the purifier.



- (ii) Wait for 2-3 minutes to ensure that the pre-filters are soaked in water.

9. Now Plug in the power supply adopter & connect it to the purifier in DC pin socket.

