

Actual products may vary in colour, design, description and colour combination etc. Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, Specifications & performance data are constantly changing. Copyright Subsis: Inflation of trade dress, graphics and color scheme of this document is a punishable offence.

Diagrams or figures in this document are for illustration purposes only.

**May vary depending on feed water quality.*

Note: Please read the warranty details and their terms and conditions for replacement requirement of individual cartridge.

UV Lamp need to be replaced after burning of 5000 hours or based on service requirement.

Germicidal UV Column:

earliest.

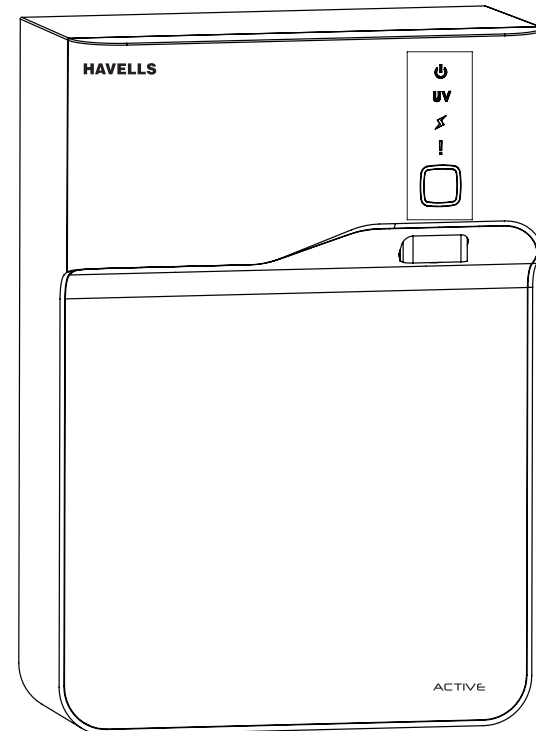
Havells Active: Sediment cartridge and Activated carbon cartridge need to be replaced after 1 Year of installation or dispensing 6000 litre* of purified water, whichever is

Recommended Cartridge Change

RECOMMENDATIONS AND IMPORTANT INSTRUCTIONS

- Do not clean the water purifier or spillage of water on it, while the purification process is on.
- by Havells trained service engineer only.
- Do not try to open or tamper the purifier yourself if you observe any problem. Kindly contact Havells Customer Care to resolve the issue. Water purifier should be examined
- Make sure you switch off the power supply and diverter valve whenever you're out of home for a long time.
- Avoid excessive rubbing of the decorative part of the purifier while cleaning as it may lead to scratches or loss of shine of the purifier.
- Use a wet cloth to clean the external body of the purifier. Do not use detergent or soap.

CLEANING AND MAINTENANCE



Water Purifier

User Manual

ACTIVE



190522/V1

A. ABSOLUTE SAFETY THROUGH UV PURIFICATION

UV Technology gives the benefit of purification by removing disease causing micro organisms like bacteria & virus.

KEY FEATURES OF HAVELLS WATER PURIFIER

CAUTION: Check input water pressure. Use booster pump if feed water pressure is less than 0.05 MPa (8 psi) and if it is more than 0.207 MPa (30 psi) use the RV (Pressure reducing valve). If the input water iron content is more than 0.3 mg/L (ppm), use of iron remover* is recommended as a treatment. If input water turbidity is more than 5 NTU, use of special Pre filter* is suggested. Do not install the water purifier if the input TDS is more than 300 mg/L (ppm). The appliance is intended to be permanently connected to the water mains and not connected by a hose-set.

- * Now check the flow rate of product, dispense flow rate should be 1 L/min to 1.5 L/min, if flow rate is more than 1.5 L/min, reduce the flow rate by help of diverter valve.
- * For Sediment cartridge back flushing, remove the blue end plug and connect the raw water pipe in this port, now connect a pipe into input port and put this pipe in to sink.
- * Now open the diverter valve to back flush the cartridge for 5 minutes approximate.
- * Fix the power plug into mains now long press dispense switch then switch ON the mains and hold the dispense switch for 5 seconds after this unit will go in forward flushing mode to allow forward flushing of all cartridge, after two minutes product will work normally.
- * Before mounting the water purifier, flush the Sediment cartridge first after that flush Activated carbon cartridge by using sediment cartridge treated water till the water get clear. Now fix the all pipe connection and mount the product on wall.
- * Fix the water inlet pipe (white pipe) from diverter valve to the inlet port of water purifier and open the diverter valve. Ensure there is no leakage of water and bending of pipe at any point.
- * For wall mounting: Align the mounting plate at appropriate height and fix it with help of mounting screws. Hang the water purifier on mounting plate.
- * Fix diverter valve with the help of pipe wrench/plumbing equipment at selected water point.
- * Please note water purifier is connected to ambient temperature water supply only.
- * Select an appropriate water connection point.
- * 1. Diverter Valve 2. Mounting plate with plastic inserts and mounting screws 3. PL4 pipe white
- * Open the carton and take out the following items from accessory kit for installation:

INSTALLATION INSTRUCTIONS

FUNCTION DISPLAY INDICATOR:

SELF-DIAGNOSTIC MODE: When machine is switched – ON, all the indicators will glow for a fraction of second, where system warms up and check components is working fine.

PURIFICATION PROCESS INDICATOR: After step A, the power indicator will glow solid. same time purification process indicator will blink for 30 seconds. During this period the water present in UV column will get disinfected.

After 30 seconds, purification process indicator will become solid, signifying that it is ready to dispense Purified water. Faucet LED will glow at the time of pure water dispensing.

ENERGY SAVER MODE: If the unit is not used for 10 minutes after step B, energy saver icon will blink for one minute. Next it will go to energy save mode with energy saver signal sign solid. Here unit will not allow dispensing, To dispense water post 10 minutes, press the dispense switch purifier will repeat process from Step B and after 30 minutes press the switch again for water dispensing.

SERVICE INDICATION: In the event of failure of SV/Pump, smart alert indicator will blink with 1 beep sound.

If the UV intensity is less than the adequate for disinfection of water or UV lamp is failed, smart alert indicator will blink with 2 beep sound.

System will shut off in both the cases to deliver you the promise of safe water or no water.

FEATURES

An additional feature of forward flushing for cleaning the cartridges is also given. For this process, press the dispense switch and turn on the mains, flushing will start (during this process all the indicators will start blinking for two minutes). After two minutes the water purifier unit will start functioning automatically.

WARRANTY CARD HAVELLS WATER PURIFIER

Customer Name -----

Customer Address -----

Customer Phone Number -----

Pin Code -----

Date of Purchase -----

Dealer's Name & Address -----

Phone Number -----

Dealer's Stamp: -----

Product Model -----

Product Serial No. -----

* This warranty card is valid only for products sold by Havells India Limited in Indian market.

This warranty is not transferable and is applicable to the original purchaser only.

Fill out this record and keep it together with your purchase docket in a safe place.

Should you require service under the terms of this warranty, please contact us.



TECHNICAL SPECIFICATIONS	
PARAMETERS	VALUES
Product dimensions (L x W x H) in cm	[29.7 x 16.7 x 43.1] cm
Net weight	≈ 5.6 kg
Flow Rate*	Up to 90 L/h max.
Purification technology	Absolute safety through 11 W UV
Purification Stages	3 Stages
Material of construction	Food Grade
Power Rating (Max)	25 W
Input voltage range	230 V, 50 Hz
Installation type	Wall Mounting
System disinfection efficiency	6,4 Log reduction of bacteria and Virus at the rate of 90 L/h

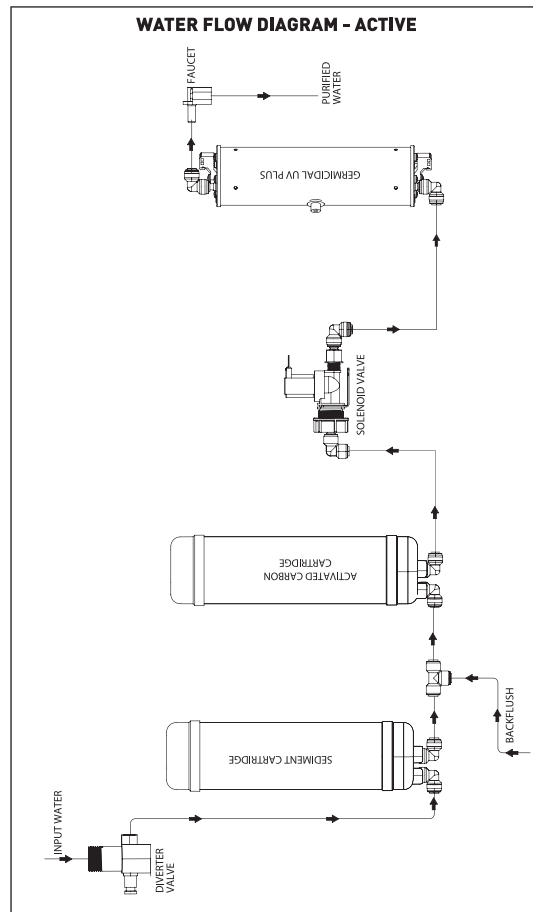
RECOMMENDED FEED WATER QUALITY	
PARAMETERS	LIMITS
Total Dissolved Solids	Up to 300 mg/L (ppm)
Turbidity**	Up to 5 NTU
Feed Water Pressure ***	0.055 MPa (8 psi) to 0.207 MPa (30 psi)
Feed Water Temperature	5°C - 45°C
Iron****	Less than 0.3 mg/L (ppm)
Free Chlorine	Less than 0.2 mg/L (ppm)

*Flow Rate may vary depending upon feed water quality, input water pressure and life of cartridges

**In case, input turbidity is more than 5 NTU, you need to install pre filter at an additional cost.

***In case, input water pressure goes below 0.05 MPa (8 psi), you need to install external booster pump and if pressure is above 0.21 MPa (30 psi), you need to install pressure reducing valve at an additional cost

**** In case, the iron content is more than 0.3 mg/L (ppm), you need to install IRON X at an additional cost.



DO'S, DON'TS AND SAFETY INSTRUCTIONS

DO'S

- Always install the water purifier in cool, dry and well ventilated place in upright position
- To keep your purifier functioning properly at all times, always use Havells genuine spare parts.
- Call Havells Customer Care for any assistance and service requirement.
- Keep the water purifier in power ON mode. Product goes automatically to energy saving mode if water is not dispensed for more than 10 minutes.
- If you are not using your water purifier for long time, for example during holidays, then make sure to switch OFF the water purifier and turn off the input water supply.
- Remove plug from back flush port once in a month to flush your cartridges.

DON'TS

- Never connect your water purifier to hot water supply as it is designed to work effectively for input water temperature between 5°C to 45°C temperature.
- Never place any heavy, sharp or wet objects on the water purifier.
- In case of any breakdown, do not buy local spare parts and components for service or replacement.
- Do not install product in direct sunlight.

SAFETY INSTRUCTIONS

Havells Water Purifier is designed keeping in mind the highest safety standards but there are certain safety precautions that need to be followed while using the Product for its proper functioning.

- Do not move or relocate the purifier when it is in working condition.
- To avoid electric shock, do not pull out or touch the power plug with wet hands.
- Do not use the water purifier if the power cord is damaged or if there is a strange noise, burning smell or smoke. Quickly switch off the power, unplug the cord and call Havells Customer Care.
- Do not open the purifier yourself to clean the cartridge or to replace any spare parts.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

TROUBLESHOOTING			
	PROBLEMS	CHECKS	SOLUTIONS
Before calling customer care or service engineer, check the following points: 1. Power supply should be ON 2. Inlet water supply should have sufficient pressure/Waterflow	Purified water taste is bad or unusual.	Is the cartridge replacement due as per service requirement?	Contact Havells customer care for the cartridge replacement.
	Dispense time is very long/short / dispense has stopped.	1. Is diverter valve open properly? 2. Is water pressure below recommendation value?	1. Open water inlet valve completely. 2. Contact Havells customer care to get the water pressure checked and get it resolved. 3. Contact Havells customer care to get the cartridges replaced as they may have been clogged or damaged.
	Water leakage in any parts of water purifier.	Check if water is dripping from purifier or connecting pipes.	Close the water inlet valve, unplug the power cord and then contact Havells customer care for the check-up of the product and get it resolved.

WARRANTY TERMS AND CONDITIONS

Havells India Ltd (HIL) offers limited warranty for this water purifier against defect arising from faulty design, workmanship and material subject to the following terms and conditions:

1. All electric and functional parts are covered under warranty for 1 year from the date of purchase.
2. Consumables including Sediment cartridge and Activated carbon cartridge for Havells Active Water Purifier are not covered under warranty.
3. All consumables and pump carry Havells branded embedded foil (as per Recommendation & important instruction mentioned in content no.9)
4. Havells India Limited will offer two preventive maintenance checkups during this one year term of warranty. Only Havells India Limited authorized service personnel will carry out repairs under warranty.
5. Consumers shall promptly notify the company about any defect noticed and give the company or authorized personnel/representative adequate opportunity to inspect, test and rectify the defect.
6. The company or its representatives are entitled to retain the damaged or defective parts replaced under warranty on free charge basis.
7. The company's liability under warranty will be limited only to the concerned product and its defect, which occur under conditions of normal operations in home application, under proper usage and maintenance. It excludes any defect caused due to faulty care, maintenance, repair and alteration to the product or to its part by unauthorized personnel.
8. It is mandatory to provide original bill/invoice copy along with duly stamped warranty card at the time of any repair work being done by authorized representative.
9. This warranty is confined to the first purchase of the product only and is not transferable.

10. In the event of repair during the warranty period of the purifier, this warranty will thereafter continue and remain in force only for the unexpired period of the warranty. Replacement of part would be purely at the discretion of Havells India Limited, the same part will be replaced with the part model of price equivalent at the time of purchase.
11. The consumer will have no claim under this warranty in an event of any illness, sickness, death, personal injury, property or consequential damages arising either directly or indirectly due to utilization of product. Authorised Service Personnel will carry out repair under warranty)
12. Warranty is not applicable and will be void under the following heads/ circumstances:
 - a. If the warranty card presented to authorized service personnel at the time of service of the product is not duly filled and stamped by the dealer.
 - b. If the product is not operated or handled as per instruction given in the operating instruction booklet.
 - c. If the device is not installed in proper procedure specified.
 - d. If any defect caused due to improper electric circuit outside the device in the house or any defective electric supply.
 - e. If installation and any repair work is carried out by an unauthorized personnel and usage of consumables and parts by unauthorized personnel. (Only Havells India Limited Authorised Service Personnel will carry out repair under warranty)
 - f. If any damage caused due to transportation or shifting post installation from consumer's home.
 - g. If 12 months have expired from the date of purchase even though the device is not in use for anytime during warranty period for any reason.
 - h. If the damage is caused by pest infestation.
 - i. If product/item is not installed by company technician/ Authorised Personnel
 - j. If Havells water purifier is used for any purpose other than for home application purpose (not to be used for commercial purposes)
 - k. If damage to the product is caused by accidents, pests and vermin, lightning, wind, fire, floods, or acts of God
 - l. If any additional accessories were provided on the time of installation/service, the same will not be covered under standard product warranty.
 - m. If any external accessories supplied by the dealer.
13. Warranty does not cover visitation charges of service technician if this water purifier is installed beyond municipal limits of the city in which company's Authorized Service Center is situated/located. All expenses incurred in collecting the units or parts there of from the company's authorized service center as well as expenses incurred from deputizing service personnel/technicians for conveyance and other incidentals, etc., shall be borne by the customer. Local charges for transportation and handling charges may vary by location. Customers are advised to verify in advance the aforementioned charges. If the customer wishes to bring the unit on his/her own to an authorized service center, such shall be at his/her own risks & consequences.
14. Reinstallation or uninstallation of product based on customer demand and packing material, if used, will be chargeable.
15. Warranty will not cover transportation cost in case customer is moving the product to another location.
16. In case of any unpredicted situation and non -availability of spares, prevailing depreciation policy of Havells India Limited (subject to the sole discretion of Havells India Limited, may be changed without prior notice) will be applied to the product as a solution.
17. Settlement of all claims and disputes arising out of and in relation to this water purifier shall be subject to Delhi jurisdiction only.
18. Warranty does not cover defects arising due to causes beyond control like lightning, abnormal voltage, acts of god.
19. The company or its Authorized Service Center reserves the right to retain any part or component replaced at its discretion in case of a defect discovered in the equipment during the warranty period.
20. The warranty is valid within India only.