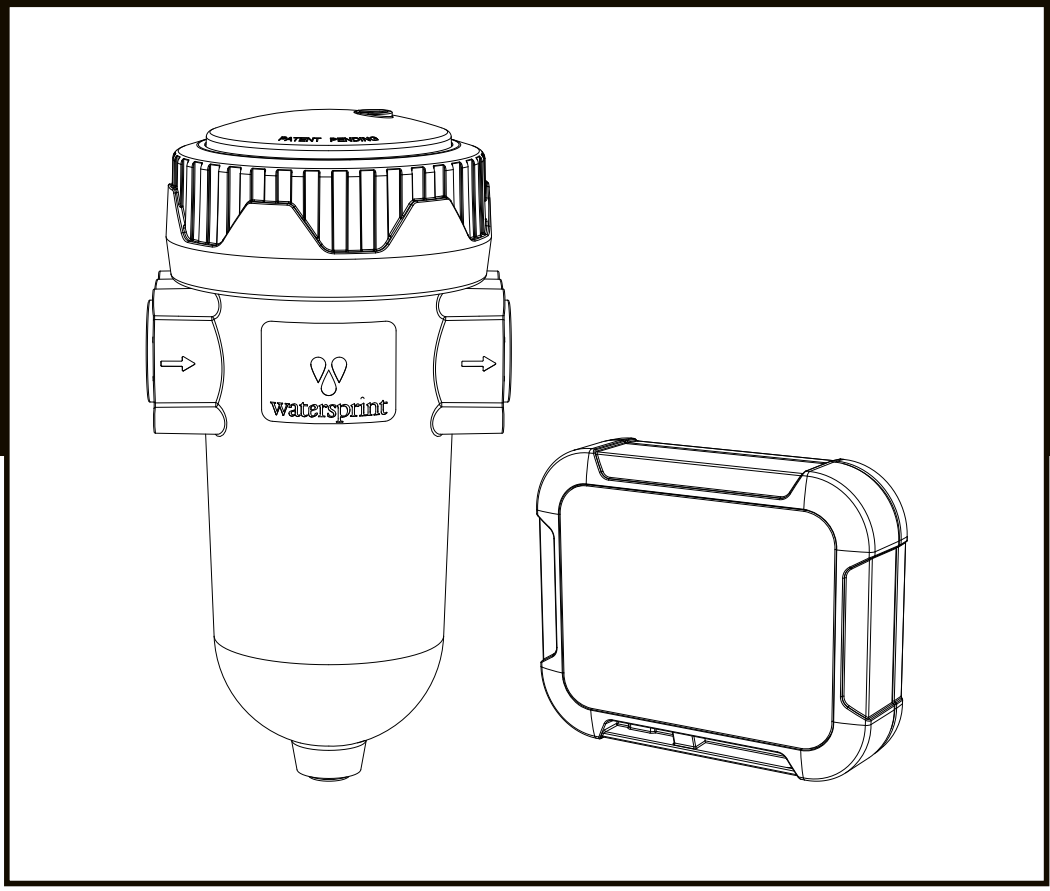
waterspring
Intelligent water purification

UVC LED Technology

User Guide

Watersprint Core®

Next Generation Whole House Water Disinfection System



Watersprint AB
Medicon Village
Scheeletorget 1
SE-223 81 Lund
SWEDEN
+46 46 378 00 90
info@watersprint.com
www.watersprint.com

MEMBER Water Quality ASSOCIATION

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This document is produced and printed by:
Watersprint AB
Medicon Village
Scheeletorget 1
223 81 Lund
Sweden
Phone: +46 46 378 00 90
info@watersprint.com
www.watersprint.com

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WATERSPRINT CORE® WATER DISINFECTION SYSTEM

PRODUCT INFORMATION

Welcome to a new era of clean water!

Thank you for choosing Watersprint Core®, our most advanced UVC LED water disinfection system. Watersprint Core® is designed and produced in Sweden with high quality, versatility, compact design, and cost efficiency in mind.

The Watersprint Core® Water Disinfection System is ready for installation at the water inlet to provide drinkable, fresh-tasting water throughout your facility. It is a whole house water disinfection system that ensures microbially safe water at all water outlets in your home by exposing the incoming water to UVC light, a proven technology to inactivate viruses, bacteria, and pathogens.

Our products utilize a combination of design, materials, mechanics, and fluid dynamics to optimize the use of UVC light, thereby achieving maximum disinfection performance.

Thanks to the external flow sensor and the Controller Unit, the UVC LEDs will turn on automatically when water flow is detected. Unlike other sources of UV light, the UVC LEDs immediately provide full output, meaning the water will be disinfected from the moment it starts to flow.

An indicator LED on the Controller Unit shows when the system is on and when disinfection is active. It also indicates if an error occurs in the UVC LED unit and when it is time for replacement or maintenance. Please read more about the LED status indication in this User Guide, "Operation" on page 25.

This is an advanced water disinfection product for increased safety of drinking water. The disinfection is based on UVC light, using the latest UVC LED technology. The product is CE- marked, and materials in contact with water are approved for potable water according to EU requirements.

Please read through this User Guide before installation and keep it for maintenance purposes. We recommend that the installation is performed by a qualified professional with the necessary expertise. If installed and maintained according to instructions, your Watersprint Core® Water Disinfection System will serve you for many years. We hope you enjoy your new whole house water disinfection system and the peace of mind it provides.

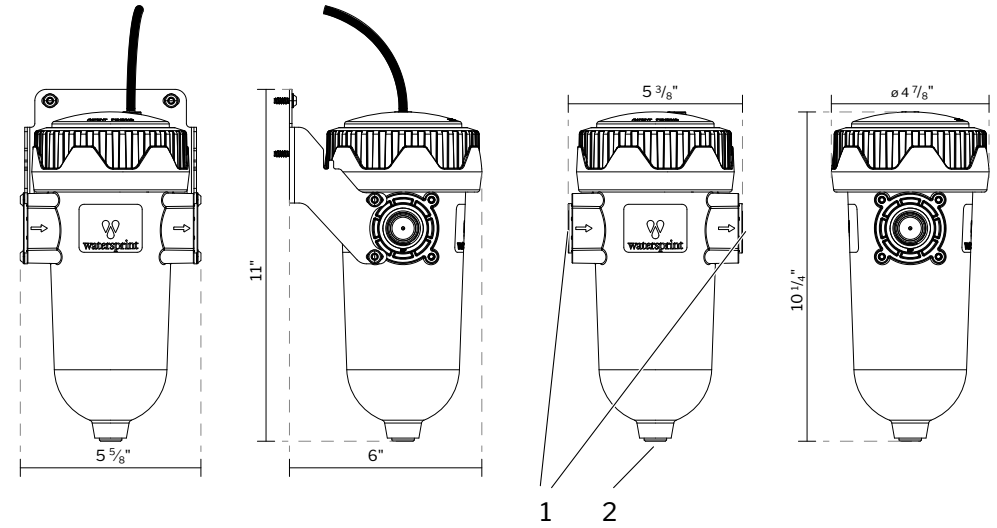
SPECIFICATIONS

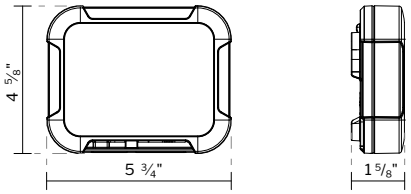
Input Rating:	100 – 240 VAC, 50/60 Hz, 52W (<1W in standby mode)
Water temp:	34 – 122°F
Ambient temp:	34 – 104°F
IP rating:	IP21
Weight Watersprint Core® Water Disinfection Unit	4.4 lbs
Pressure drop @ max flow:	< 7.25 psi
Max. water pressure:	145 psi
UVC LED replacement interval:	3 000 active hours*

Performance*	**Watersprint Core® 20**	**Watersprint Core® 40**
16 mJ/cm² @ 95% UVT	8 gpm	16 gpm
30 mJ/cm² @ 95% UVT	5 gpm	10 gpm
Max. flow rate	8 gpm	16 gpm

** = At nominal water temperature of 77°F*
***=Based on third-party validated bioassay*

DIMENSIONS (INCH)





1. 3/4” NPT ANSI/ASME B1.20.1 Female
2. 1/4” NPT ANSI/ASME B1.20.1 Female

SAFETY INFORMATION

POTENTIAL HAZARDS

Read all labels and tags attached to the system. Personal injury or damage to the system could occur if not observed.

SAFETY SYMBOLS

	Waste electrical and electronic equipment (WEEE). This symbol indicates that waste electrical or electronic equipment (WEEE) must not be discarded with household waste. For proper disposal, contact your local recycling/reuse or hazardous waste center.
	This is the safety alert symbol. Obey all safety messages that follow this symbol to avoid potential injury.
	This symbol indicates a risk of electrical shock and/or electrocution.
	This symbol indicates there is a potential UV hazard. Proper protection must be worn.
	This symbol indicates that combustible or flammable material must not be stored near the system.
	This symbol indicates that the contents of the transport package are fragile and the package must be handled with care.
	This symbol indicates safety glasses with side protection are required for protection against UV exposure.
	This symbol indicates that the operator must read all available documentation to perform required procedures.
	This symbol indicates that the system may only be connected to a properly grounded, grounding-type Controller Unit receptacle that is protected by a Ground Fault Circuit Interrupter (GFCI).

DANGER!



Failure to follow these instructions will result in serious injury or death.

- UVC is hazardous for eyes and skin. Never look into a powered unit!
- ELECTRIC SHOCK: To avoid electric shock, special care should be taken since water is present near the electrical equipment. For repairs, contact an authorized service facility. Do not attempt repairs yourself unless a situation is encountered that is explicitly addressed by the provided maintenance and troubleshooting sections.
- DO NOT operate the disinfection system if it has a damaged cord or plug, if it is malfunctioning, if it has been dropped or damaged in any manner or when the UVC LEDunit is opened.
- DO NOT use this disinfection system for uses other than intended (potable water applications). The use of attachments not recommended or sold by the manufacturer / distributor may result in unsafe operation.
- DO NOT store this disinfection system where it will be exposed to outdoor conditions.
- DO NOT store this disinfection system where it will be exposed to temperatures below freezing unless all water has been drained from it and the water supply has been disconnected.

WARNING!



Failure to follow these instructions could result in death or serious injury.

- Poor water quality (opaque water due to particles or coloration) affects disinfection. Observe the recommended UVT of >95%.
- A water-filled unit must not be exposed to sub-zero temperatures.
- Changes or modifications made to this system without the consent of the manufacturer could render the system unsafe for operation and may void the manufacturer's warranty.
- This appliance contains a UVC-emitter
- Do not operate the UVC emitter if any part is not mounted correctly.
- The appliance is to be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.
- The power supply wiring needs to be fitted with a disconnecting switch that will disconnect all cable leads.
- This appliance must only be supplied at safety extra low voltage (SELV) corresponding to the marking on the appliance.

CAUTION!



Failure to follow these instructions could result in minor or moderate injury.

- Carefully examine the disinfection system after installation. It must not be plugged in if there is water on parts not intended to be wet such as the Controller Unit.

NOTE!



- Ordinary handling of an electrical product.
- The product works in ambient temperatures 34 – 104°F and water temperatures 34 – 122°F.
- The UV system is not to be used or played with by children. Persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, must not operate the UV system unless supervised or given proper instruction.
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- Read and understand the Installation Guide before operating and performing any maintenance on this equipment.

WATER QUALITY REQUIREMENTS

The incoming water quality is critical for UVC disinfection to achieve its full performance. Our recommended levels for some of the most important water quality parameters are shown below. Please note that the Watersprint Core® is a UVC LED disinfection unit, and its intended use is to disinfect the water. A pre-filtration step might be required depending on the water quality. Please consult your local water quality expert.

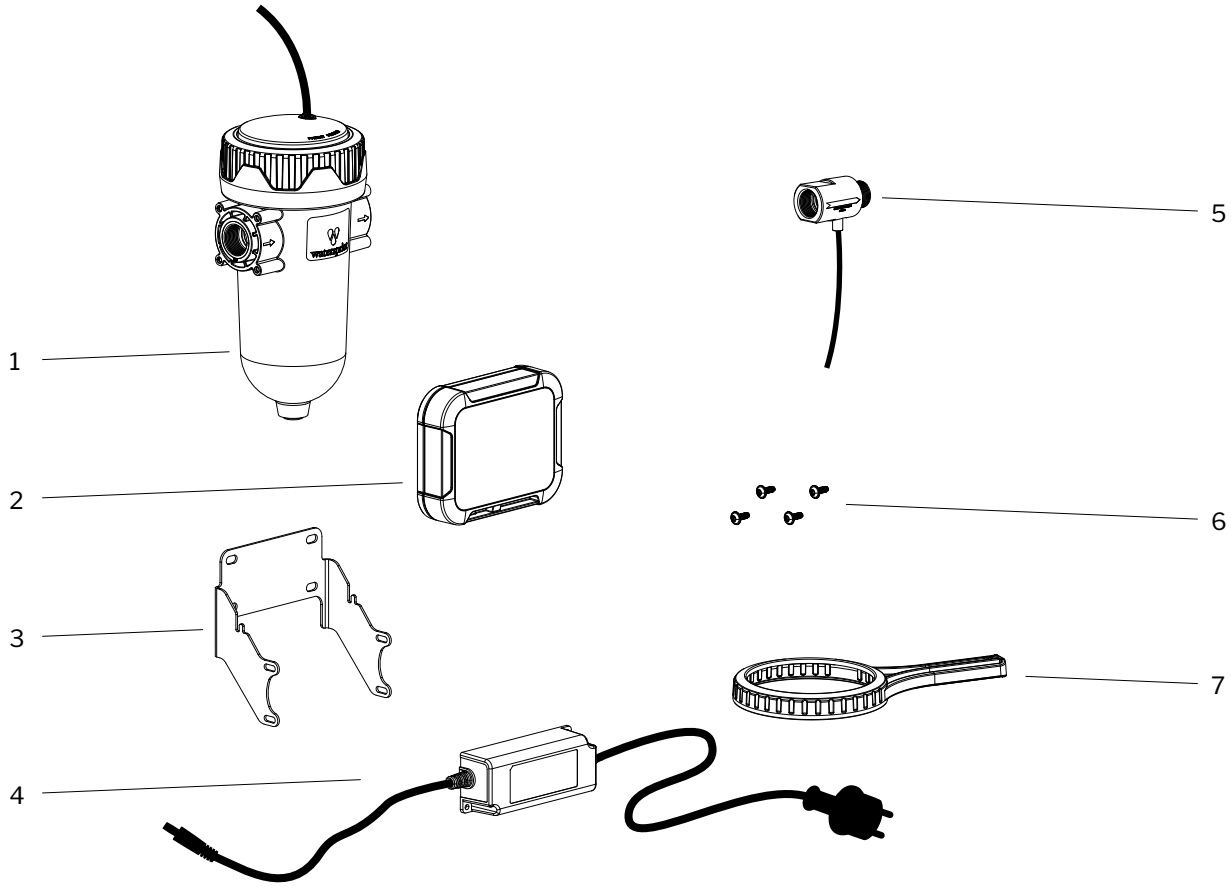
Parameter	Recommended level
Color	< 10 mg/L Pt
Hardness	< 8.3 gpg
Turbidity	< 0.3 NTU
UV Transmittance (UVT)	> 95%
Maximum Particle size	< 20 microns
Iron	< 0.3 ppm
Tannins	< 0.1 ppm
Manganese	< 0.05 ppm

The entire down stream water system needs to be sanitized by a supplementary disinfectant before installing the Watersprint Core® Water Disinfection System to ensure the system is free from pathogens.

PRODUCT OVERVIEW

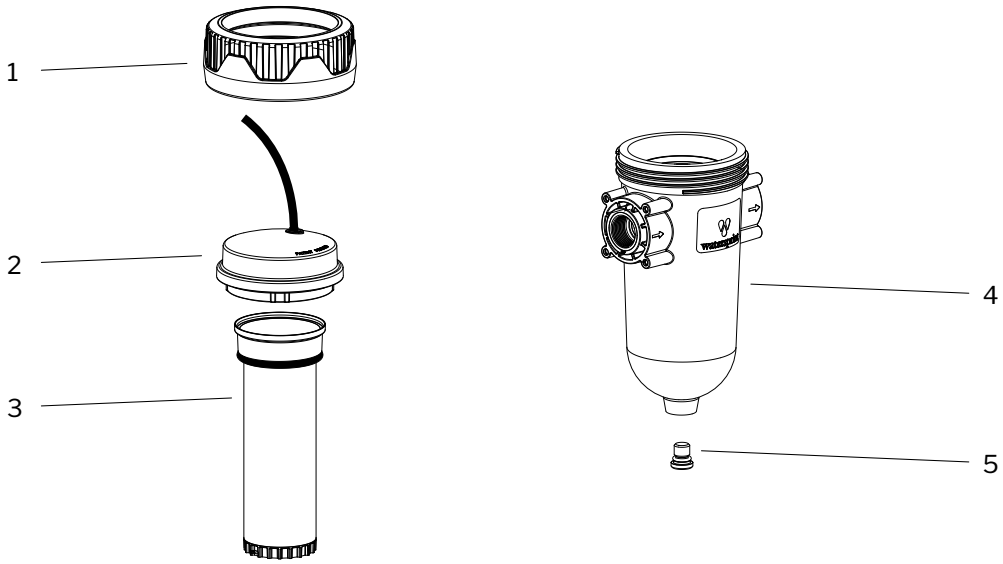
COMPONENTS

Watersprint Core® Water Disinfection System



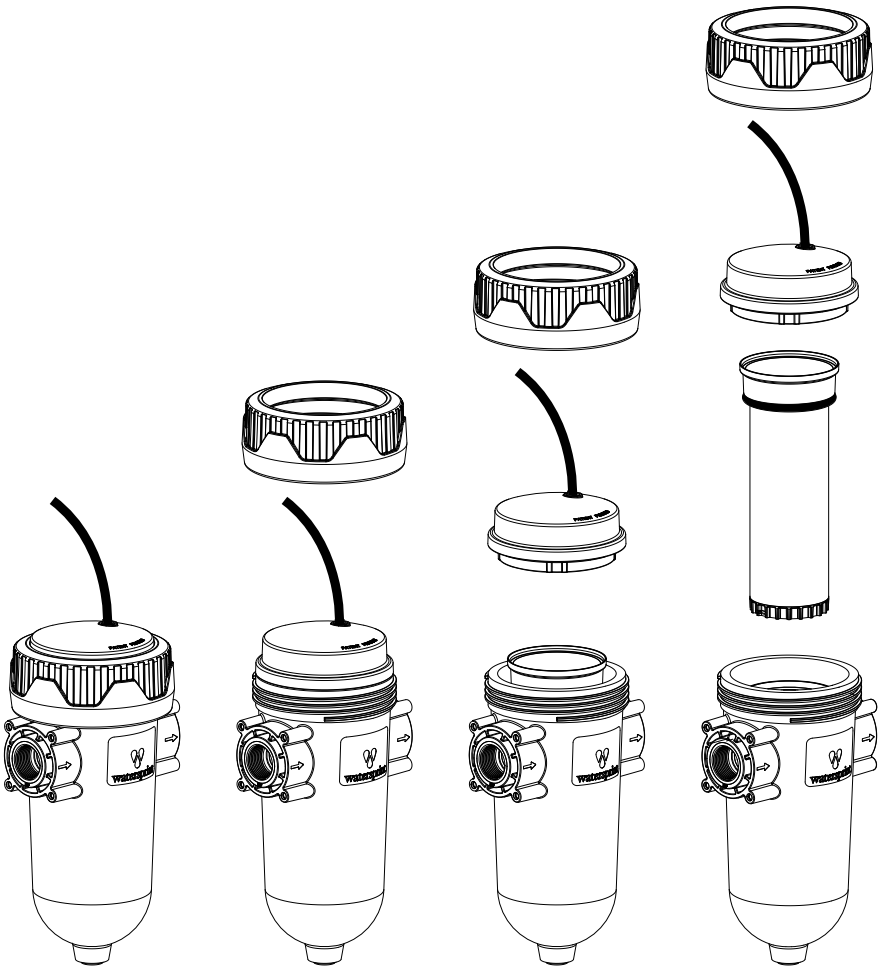
1. Watersprint Core® Water Disinfection Unit
2. Controller Unit
3. Wall Bracket
4. Power Supply
5. Flow Sensor
6. 4x Screws for Core/Wall Bracket
7. Ring Wrench

Watersprint Core® Water Disinfection Unit – Components



1. Ring Nut
2. UVC LED Unit
3. Reflector Assembly
4. Housing
5. Drain Plug

Watersprint Core® Water Disinfection Unit - Exploded View



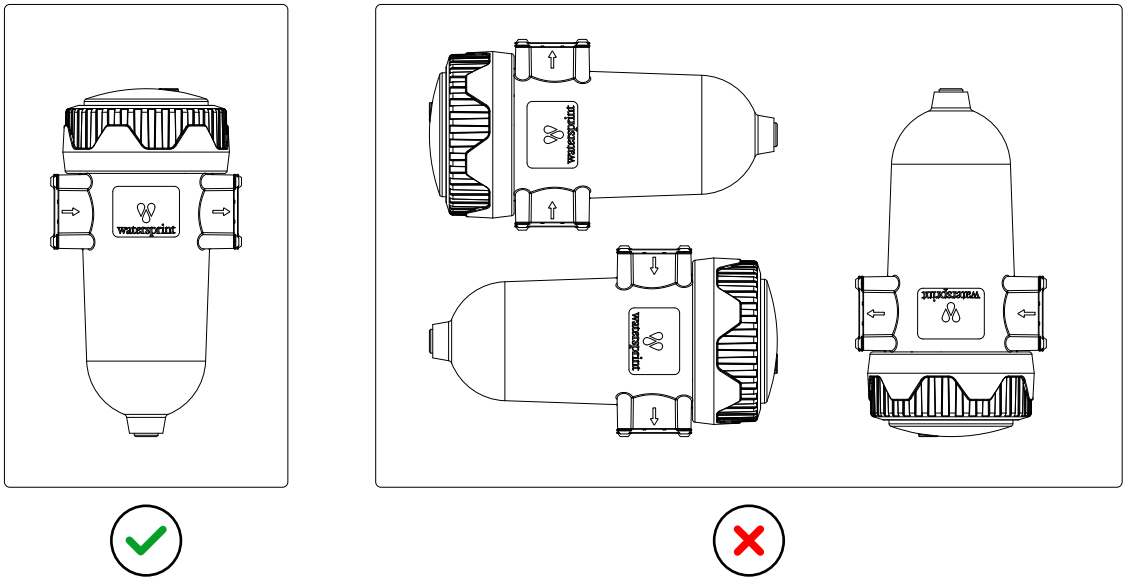
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INSTALLATION GUIDE

INSTALLATION PREREQUISITES

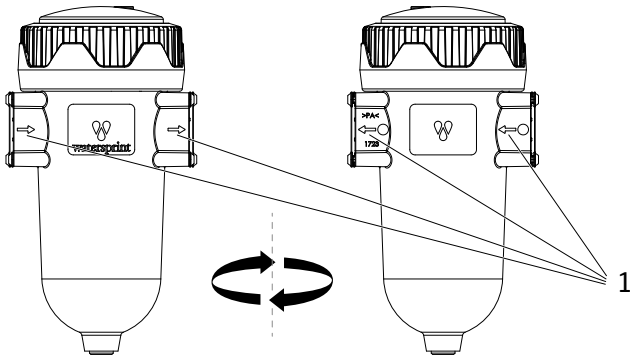
Watersprint Core® Water Disinfection Unit

The Watersprint Core® Water Disinfection Unit is designed to be mounted with horizontal inlet and outlet water connections.



By vertically rotating the unit, the Watersprint Core® Water Disinfection Unit can be mounted to enable water inlet either from the left or from the right to meet the installation requirements.

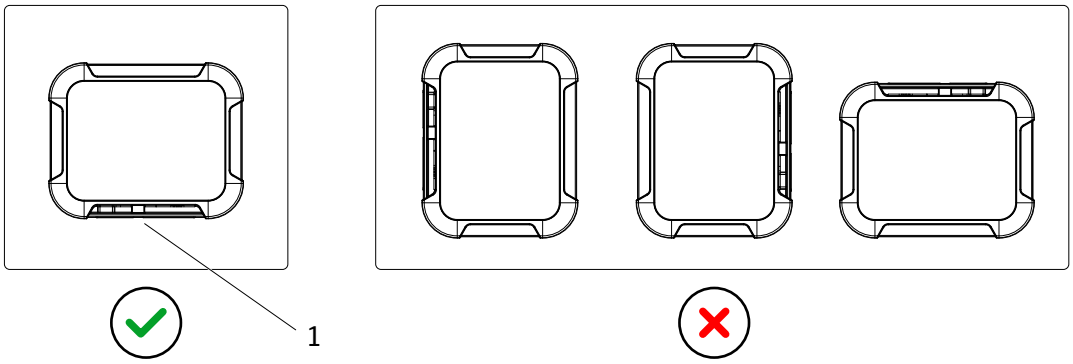
Note the flow direction arrows!



1. Flow direction arrow

Controller Unit

The Controller Unit of the Watersprint Core® Water Disinfection System must be installed with the cable connections facing downwards.



1. Conntacts for cable connections

Water Disinfection System

Select an indoor wall area for the water disinfection system to be installed. Ensure the tubing is properly fixed and aligned with the water inlet and outlet connections on the Watersprint Core® Water Disinfection Unit to avoid tension on the connections. The schematic illustrations below, illustrates one installation without bypass circuit (figure I.1) and one example with bypass circuit (figure I.2).

WARNING! The Watersprint Core® Water Disinfection Unit needs to be drained if the unit is left in a location where freezing temperatures occur, e.g. in a summer house where heating and water supply is shut-off during winter season.

Make sure there is enough space above the Watersprint Core® Water Disinfection Unit to allow the removal of the Reflector Assembly from the Watersprint Core® Water Disinfection Unit during service or maintenance. See measure A in figure I.3

Make sure there is enough space below the Watersprint Core® Water Disinfection Unit to allow the removal of the drain plug. See measure B in figure I.3

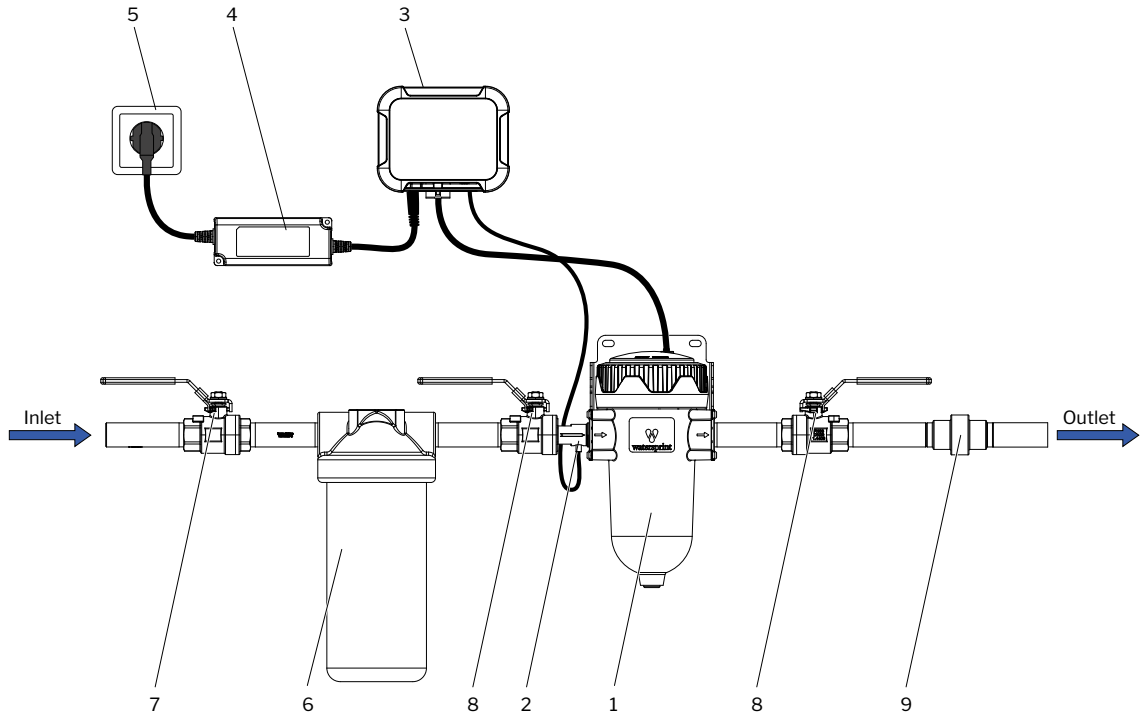


Figure I.1

1. Watersprint Core® Water Disinfection Unit
2. Flow Sensor
3. Controller Unit
4. Power Supply
5. Mains connector and wall socket (Customer supplied GFCI circuit to match voltage)
6. Cartridge filter (not supplied with the system)
7. Main water shut-off valve (not supplied with the system)
8. Water disinfection isolation valves (not supplied with the system)
9. Flow restrictor (optional, not supplied with the system)

An installation example for installations that requires a bypass option is displayed in figure I.2 below.

WARNING! If the bypass is utilized, non-disinfected water will reach the downstream water system and should not be consumed. The entire water system then needs to be sanitized by a supplementary disinfectant before consuming water again. It's therefore recommended that all bypass shut-off valves are locked with padlocks (or similar) and equipped with a warning sign which clearly states this risk. Contact your local water dealer for more information.

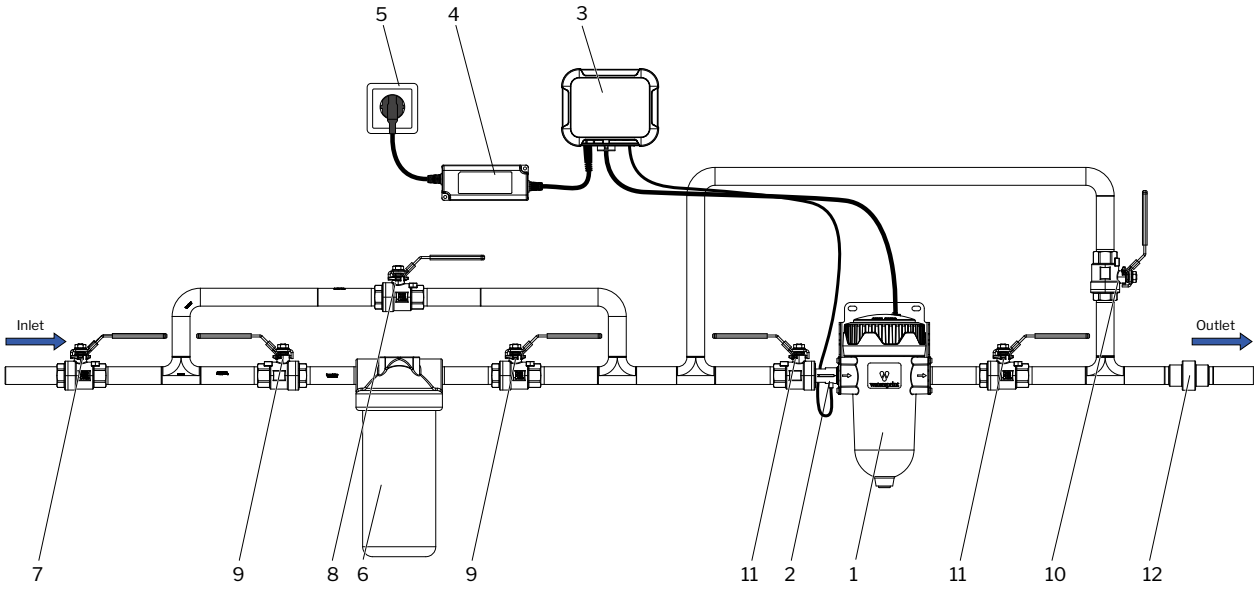


Figure I.2

1. Watersprint Core® Water Disinfection Unit
2. Flow Sensor
3. Controller Unit
4. Power Supply
5. Mains connector and wall socket (Customer supplied GFCI circuit to match voltage)
6. Cartridge filter (not supplied with the system)
7. Main water shut-off valve (not supplied with the system)
8. Cartridge filter bypass, including bypass shut-off valve (Optional, not supplied with the system)
9. Cartridge filter isolation valves (not supplied with the system)
10. Water disinfection bypass, including bypass shut-off valve (Optional, not supplied with the system)
11. Water disinfection isolation valves, (not supplied with the system)
12. Flow restrictor (optional, not supplied with the system)

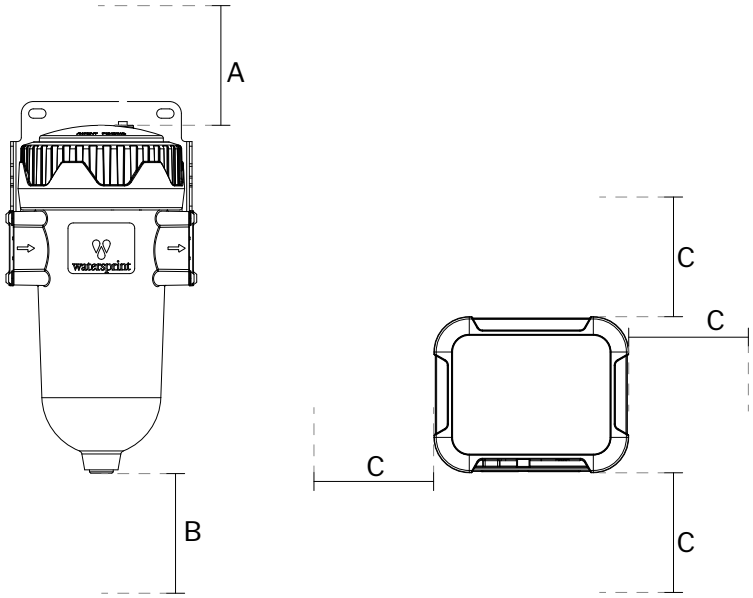


Figure I.3

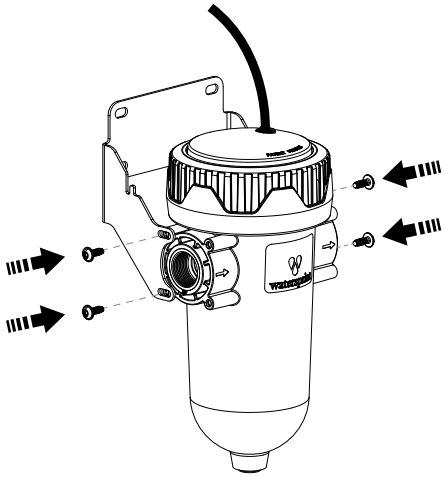
A. Minimum free space above: 10”
B. Minimum free space below: 4”
C. Minimum space for ventilation: 4”

NOTE! Make sure that the Controller Unit is installed in a well ventilated environment to prevent overheating. Leave room around the Controller Unit so that air flow is not restricted.

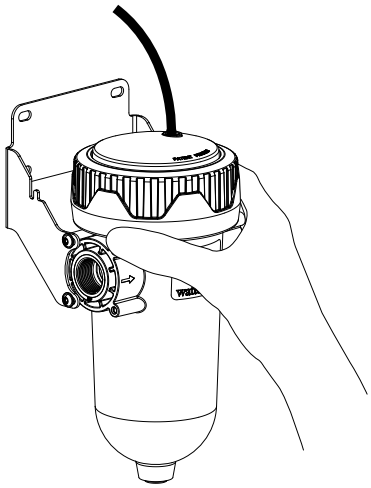
STEP BY STEP INSTRUCTIONS

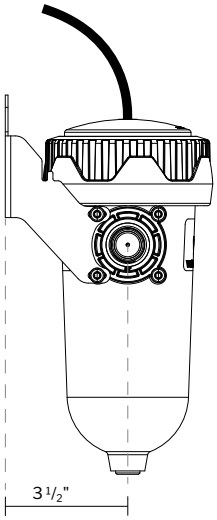
A. Turn off the main water supply and depressurize the entire water system.

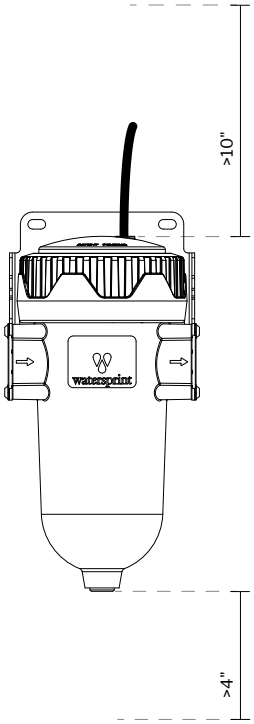
B. Attach Watersprint Core® Water Disinfection Unit to the wall bracket.



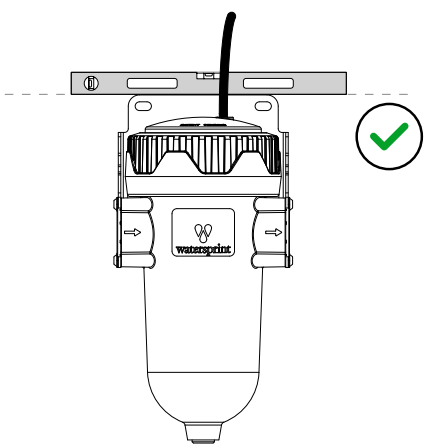
C. Hold the Watersprint Core® Water Disinfection Unit against the wall to mark its position.

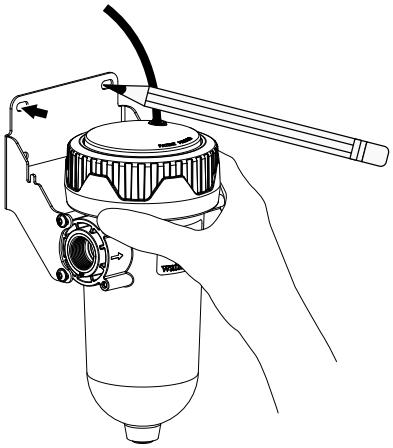




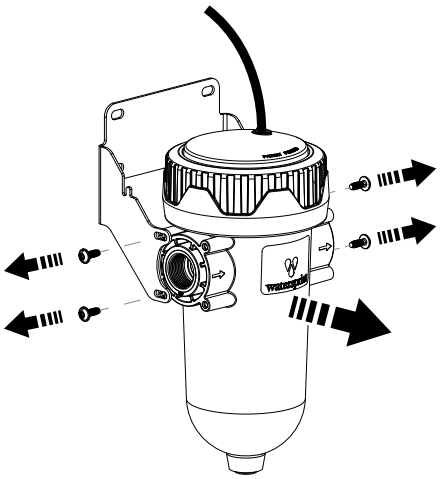


D.

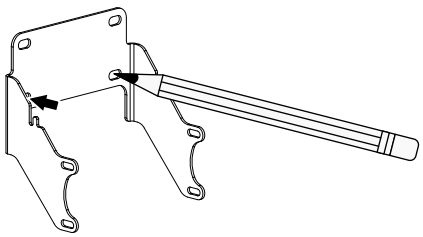




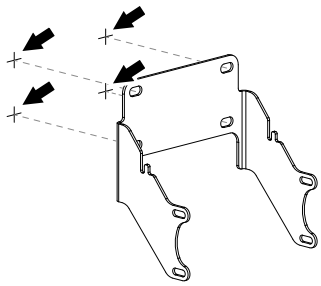
E.



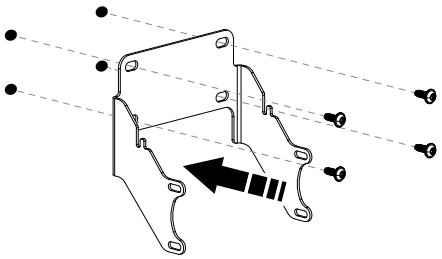
F.



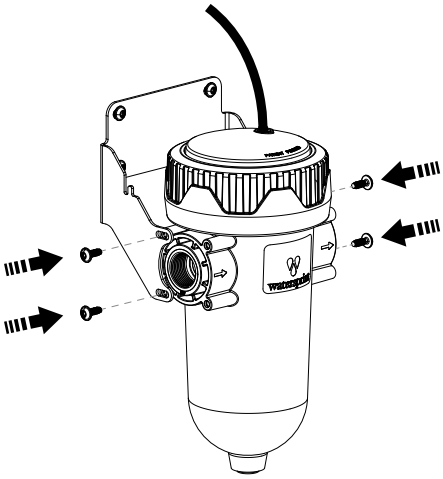
G. Drill 4 holes in the marked places.

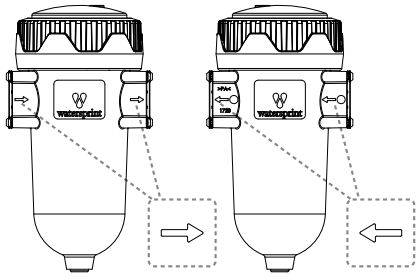


H. Attach the wall bracket with appropriate fasteners. Screws are not included.



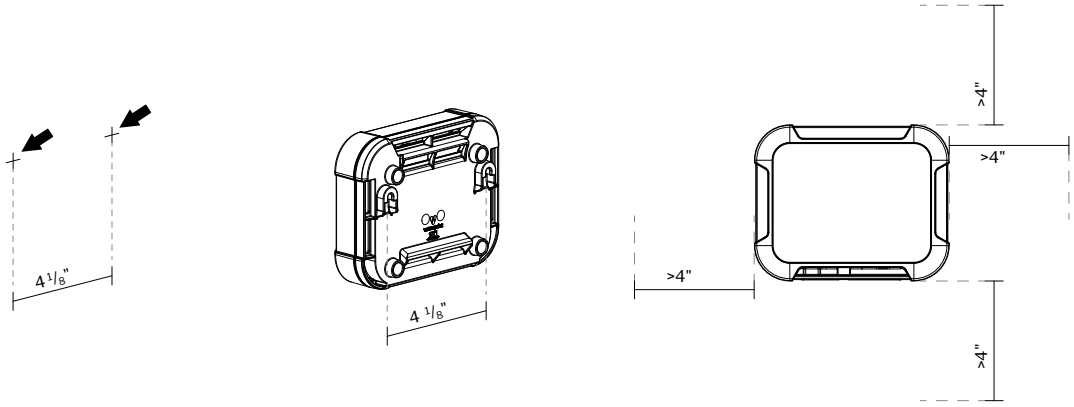
I.



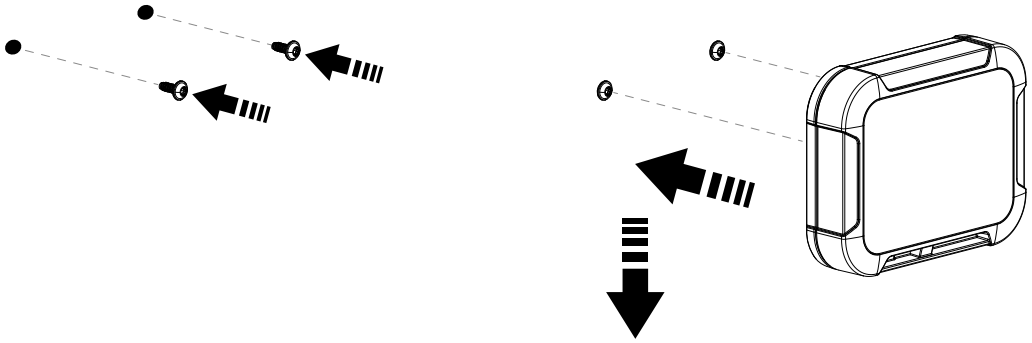


NOTE! It's possible to assemble the Watersprint Core® Water Disinfection Unit in either flow direction by rotating the unit. Make sure it's reassembled in the correct flow direction for the installation.

J. Attach the Controller Unit to the wall with appropriate fasteners.
Screws are not included.

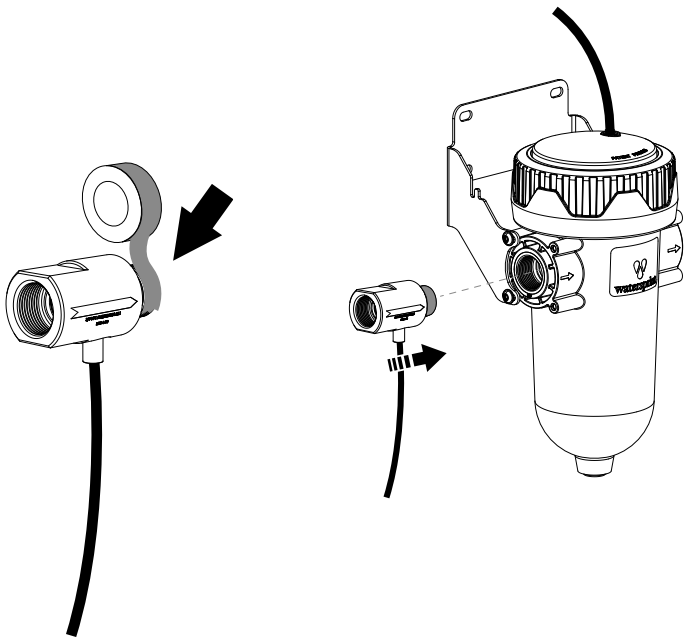


K.



L. Install the flow sensor upstream of the Watersprint Core® Water Disinfection Unit. Use thread-sealing tape (not included) as a thread sealant.

NOTE! Cable should be pointing downwards when assembled.



M. Finalize all necessary plumbing, see installation example in figure I.1 or I.2 above.
Ensure the tubing is properly fixed and aligned with the water inlet and outlet connections on the Watersprint Core® Water Disinfection Unit to avoid tension on the connections.

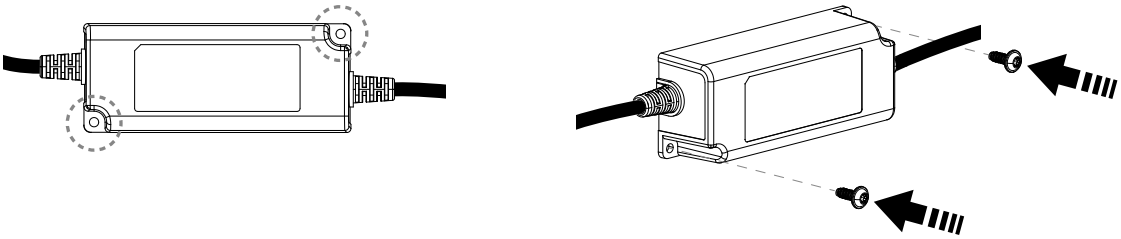
NOTE! Make sure the Drain Plug and Ring Nut is properly tightened.

N. Fully open a high flow cold water outlet (i.e. kitchen faucet, shower or similar) but do not turn on the water supply yet.

O. Attach the Power Supply Unit to the wall with appropriate fasteners.

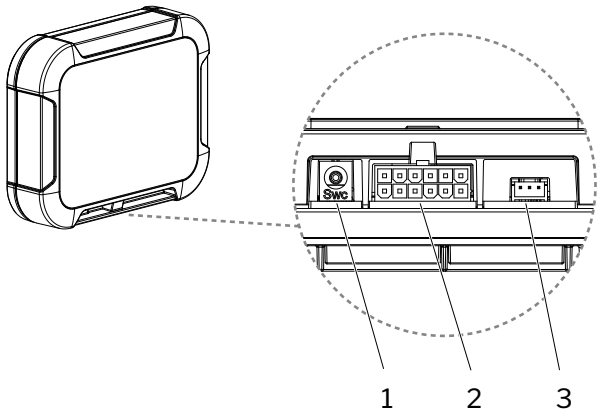
Screws are not included.

NOTE! Make sure that the Power Supply Unit is neither hanging loose nor attached to the Controller Unit..



P. Electrically connect the Watersprint Core® Water Disinfection Unit to the Controller Unit.

WARNING! The Watersprint Core® Water Disinfection Unit must always be fully assembled when connected to the Controller Unit. Connecting the Watersprint Core® Water Disinfection Unit to the Controller Unit when opened may cause exposure to UVC light that can cause permanent damage to the eyes.



1. Power
2. Watersprint Core® Water Disinfection Unit
3. Flow Sensor

Q. Connect the system to the ground fault interrupter, and ensure that the Controller Unit's status indicator light is illuminated green (On). Immediately continue with step Q below.

R. Slowly turn on the water supply until fully opened and check for leaks. Ensure that the Controller Unit's status indicator light is illuminated blue (In operation) when water is flowing through the disinfection system.

S. Evacuate trapped air and dust by allowing the water to flow through the disinfection system for a few minutes.

NOTE! The water system, downstream the Watersprint Core® Water Disinfection Unit, needs to be sanitized by a supplementary disinfectant after the installation. This to ensure that the entire system is clear of any contaminants. Contact your local water dealer for more information.

OPERATION

The Controller Unit has a LED indicator and a controller button. The table below explains the status indication of the LED and the function of the controller button.

LED indicator	Description	Action
Green	IDLE (Stand-by) The unit is powered on and in standby mode.	Not applicable
Blue	ACTIVE (Treatment) The unit is active and disinfecting water.	Not applicable
Red, flashing	ERROR (End of Life / Fault) The unit is in error mode.	Please restart by disconnecting the main power at least 15 sec. If the Status LED is still flashing red after three restarts, contact your reseller.
Green with intermittently purple	HYGENIC PULSING Watersprint safety feature	Not applicable
White	BOOT The unit performs a self-test at boot.	Not applicable
Green with flashing yellow	IDLE + WARNING Idle mode, time for service.	Perform service according to table below. Reset the warning by holding the button for 7 seconds.
Green with flashing yellow and sound	IDLE + WARNING Idle mode, the maximum service time has passed.	Perform service according to table below. Reset the warning by holding the button for 7 seconds.
Blue with flashing yellow	ACTIVE + WARNING Active mode, time for service.	Perform service according to table below. Reset the warning by holding the button for 7 seconds.
Blue with flashing yellow and sound	ACTIVE + WARNING Active mode, the maximum service time has passed.	Perform service according to table below. Reset the warning by holding the button for 7 seconds.

Warnings are indicated by a sequence of flashes according to table below:

Number of beeps/ flashes.	Cause
1	The unit has disinfected approximately 40,000 gal of water (1 year of normal usage for a household of 4). It is time to clean the reflector assembly.
2	The unit has been active for 3,000 hours (5-7 years of normal use), and it's time to replace the UVC LED Unit.
3	Both errors have occurred: The unit has disinfected approximately 40,000 gal of water (1 year of normal usage for a household of 4). It is time to clean the reflector assembly. The unit has been active for 3,000 hours (5-7 years of normal use), and it's time to replace the UVC LED Unit.
4	Temperature in Controller Unit has been too high.
5	Temperature at UVC LED Unit has been too high.

MAINTENANCE

Regularly check that the Controller Unit status indicator is illuminated Green or Blue.
Cleaning of Reflector Assembly should be done every at least every year or more often depending on usage. Replacement of UVC LED unit should be done every 5-7 years depending on usage.

WARNING! Ensure the power is fully disconnected prior to conducting any servicing or maintenance on the water disinfection system.

WARNING Ensure the water flow is shut off, and the pressure is fully relieved prior to conducting any servicing or maintenance on the water disinfection system.

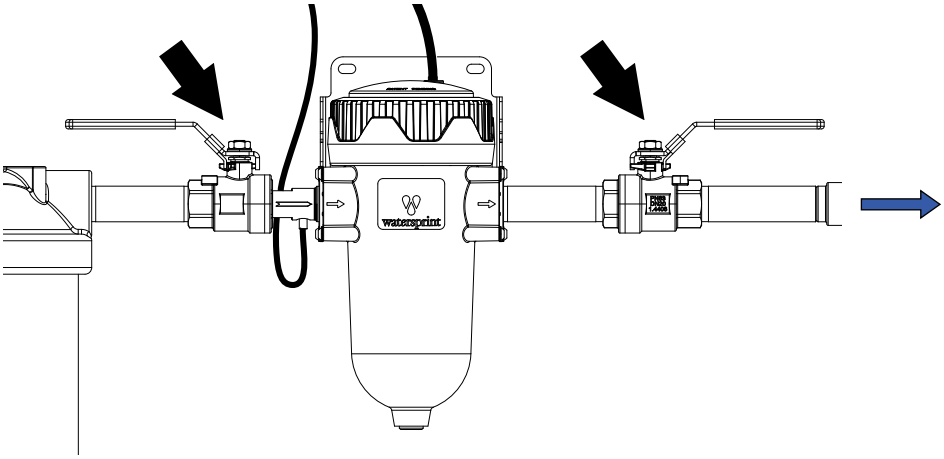
CLEANING OF REFLECTOR ASSEMBLY

Minerals in the water slowly form a deposit on the internal components. To maintain a high disinfection performance this deposit needs to be removed by following the procedure described below.

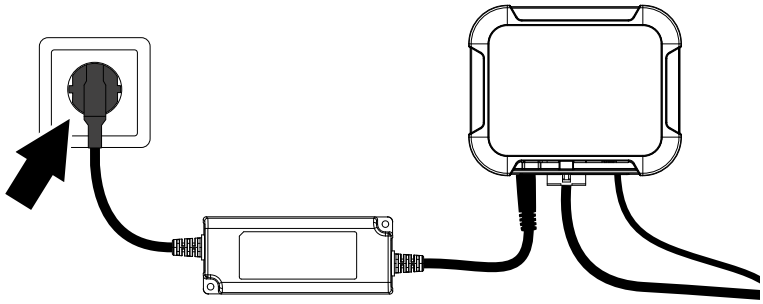
NOTE! Please read the entire maintenance instruction before starting.

A. Prepare by filling one container (minimum W x B x H: 8” x 8” x 4”), with water that is between 85-105° F. Add pure citric acid to obtain at least 10% concentration and stir until dissolved. Example, for 2 quarts water add 7½ oz pure citric acid to achieve 10% concentration. Also prepare one container with water for rinsing after the cleaning procedure.

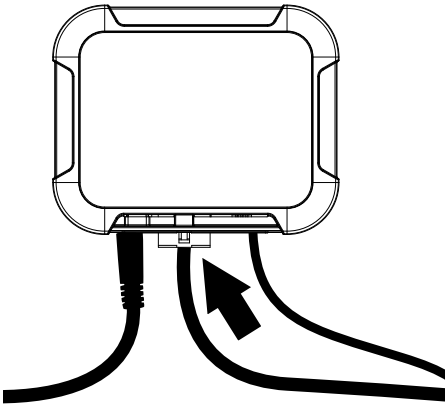
B. Close the isolation valves upstream and downstream the Watersprint Core® Water Disinfection Unit.



C. Shut-off the power to the Watersprint Core® Water Disinfection Unit by disconnecting the mains connector of the Controller Unit.



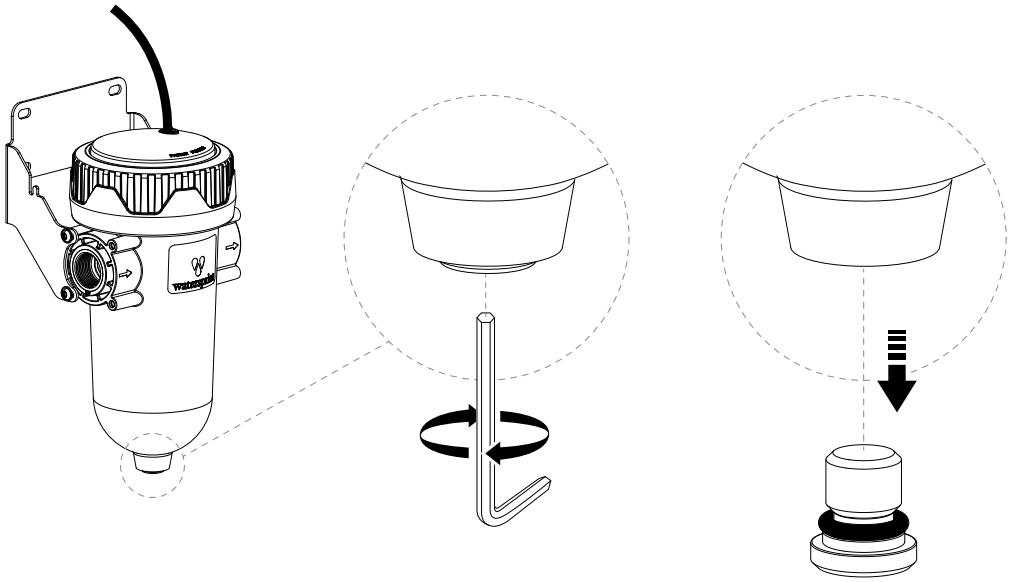
D. Disconnect the cable between the Watersprint Core® Water Disinfection Unit and its Controller Unit.



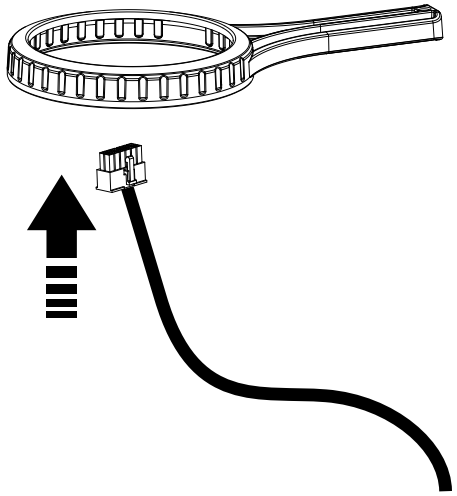
E. Place a bucket underneath the Watersprint Core® Water Disinfection Unit.

F. Slowly unscrew the drain plug to release any built-up pressure. Once the pressure is released, keep unscrewing the drain plug to completely drain the Watersprint Core® Water Disinfection Unit into the bucket.

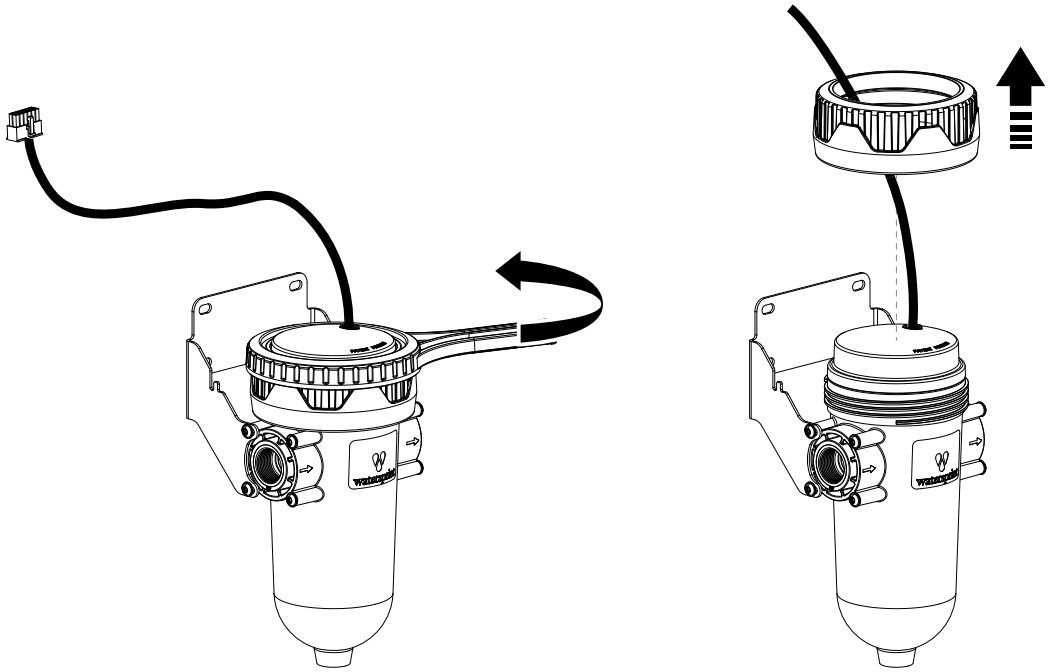
⚠ **WARNING! Make sure that the Watersprint Core® Water Disinfection Unit is electrically disconnected from its Controller Unit. If the Watersprint Core® Water Disinfection Unit is connected to the Controller Unit when opened, it may cause exposure to UVC light that can cause permanent damage to the eyes.**



G.



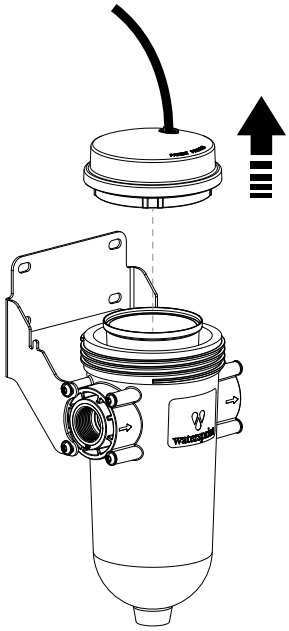
H.



I. Carefully remove the UVC LED unit from the Watersprint Core® Water Disinfection Unit.

NOTE! Be carfeul when handling the UVC LED unit and Reflector Assembly.

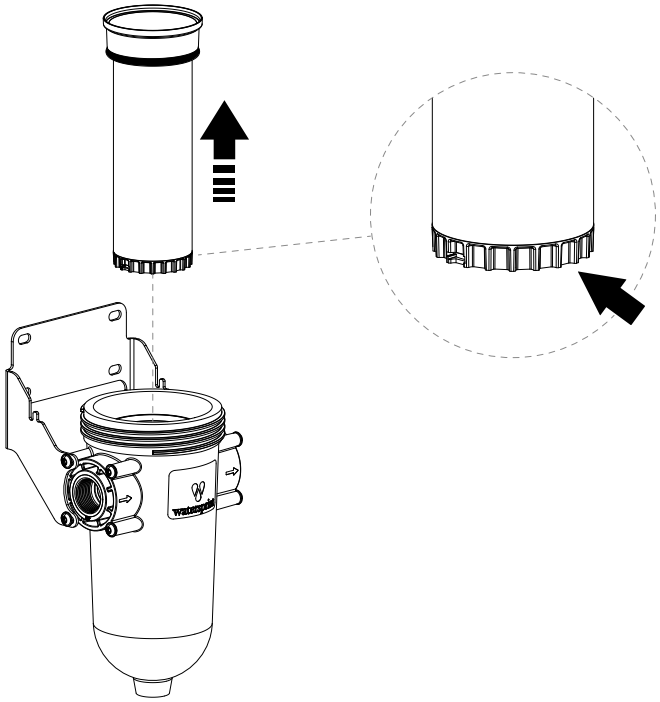
NOTE! Keep in mind that dust and dirt should not come into contact with the UVC LED unit. Avoid touching the glas of the UVC LED unit.



J.

NOTE! Make sure that Flow Distributor Package is attach to the Reflector Assembly.

WARNING! Do not operate Watersprint Core® Water Disinfection system whithout an installed Reflector Assembly as this will expose the unit to UVC light and cause material degradation.



K. Place the Reflector Assembly and the UVC LED unit in the container with the citric acid solution. Let it soak for a minimum of 20 minutes.

NOTE! Keep the electric connector out of the container.

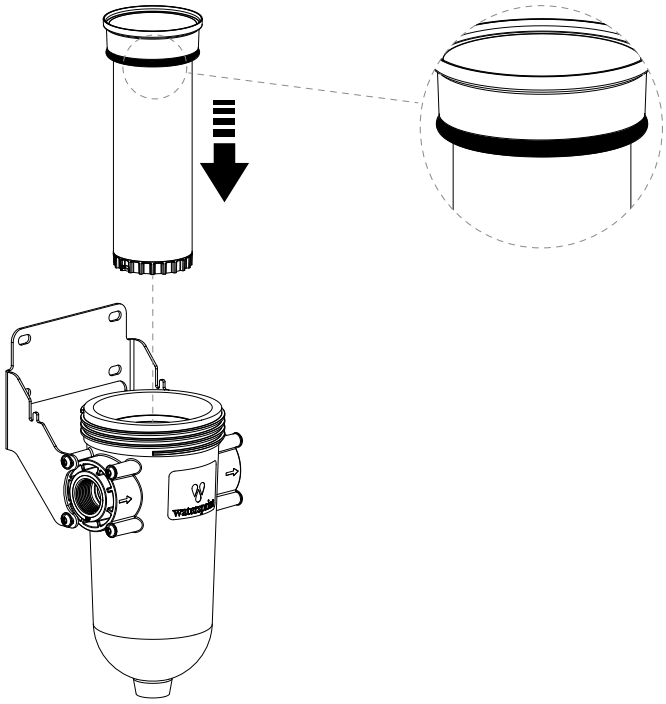
L. Gently scrub the quartz glass of the UVC LED unit and inside of the tube of the Reflector Assembly with a non-abrasive cloth, brush, or sponge.

M. Rinse with the water from the second container.

N. Inspect the inside of the tube of the Reflector Assembly and the quartz glass of the UVC LED unit to see if the deposit has been successfully removed, if not, repeat the cleaning procedure.

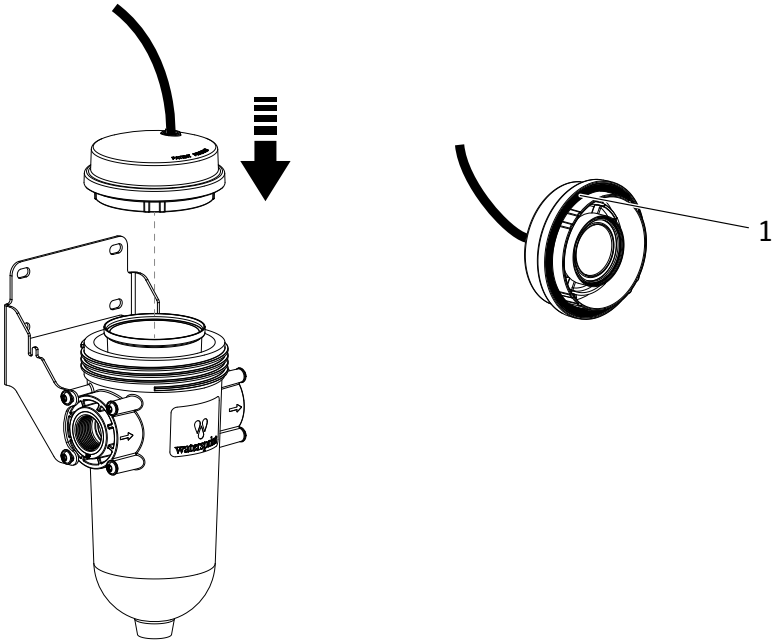
0. Gently re-place the cleaned Reflector Assembly down into the Watersprint Core® Water Disinfection Unit.

NOTE! Make sure that the top part of the Reflector Assembly and the Flow Distributor Package are fully inserted to the Reflector Pipe. The o-ring should be in correct position according to the image to avoid any leakage.



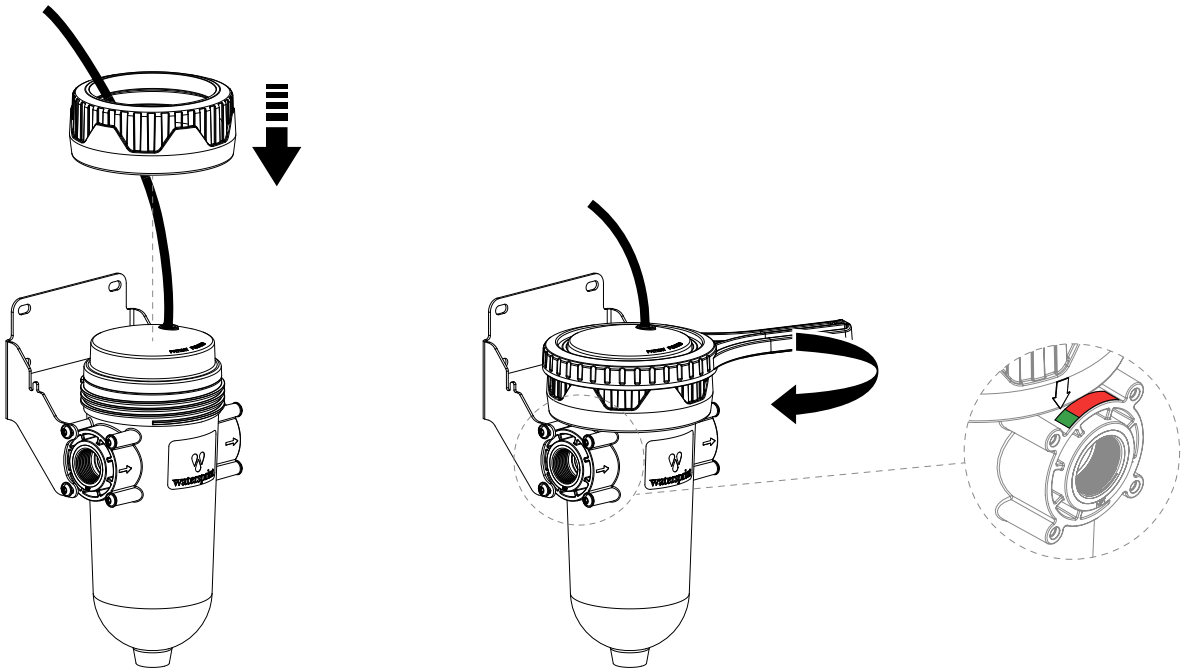
P. Carefully replace the UVC LED unit back onto the Watersprint Core® Water Disinfection Unit.

NOTE! Make sure that the o-ring of the UVC LED unit still is in the o-ring groove, prior to replacing it back onto the Watersprint Core® Water Disinfection Unit.

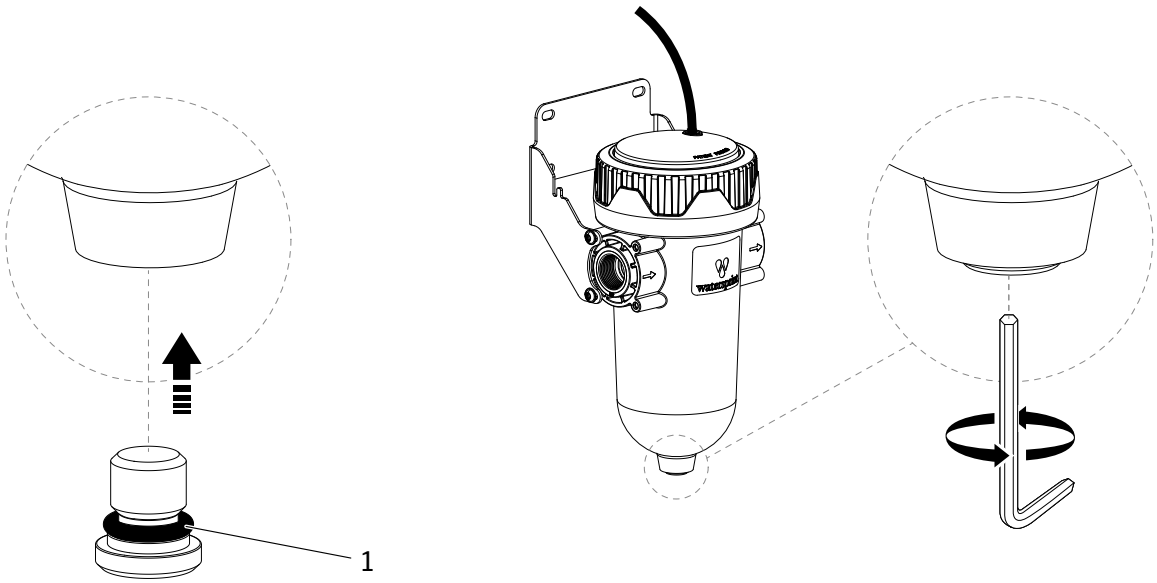


1. O-ring

Q. Using the wrench, tighten the ring nut until it comes to a firm stop. Make sure the arrow distinctly aligns with the green indicator.



R. Make sure that the o-ring is in place on the drain plug and reassemble it into the Watersprint Core® Water Disinfection Unit.



1. O-ring

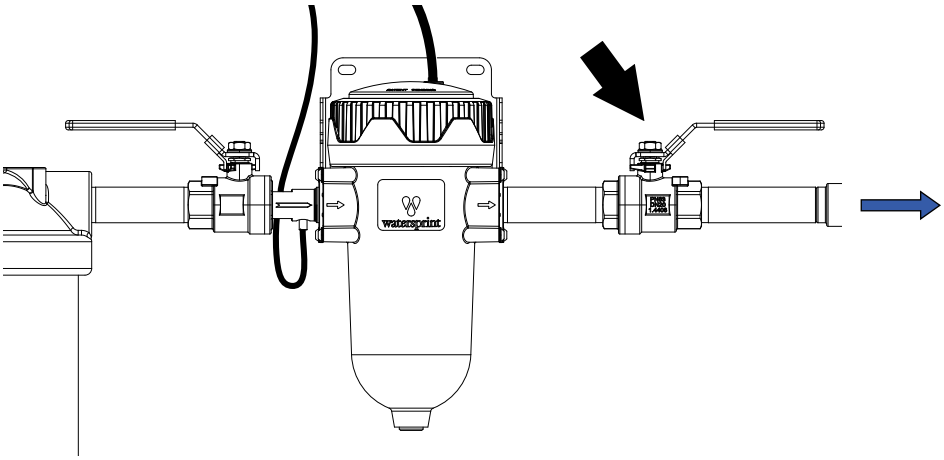
S. Fully open a high flow cold water outlet (i.e. kitchen faucet, shower or similar.)

T. Electrically connect the Watersprint Core® Water Disinfection Unit to the Controller Unit.

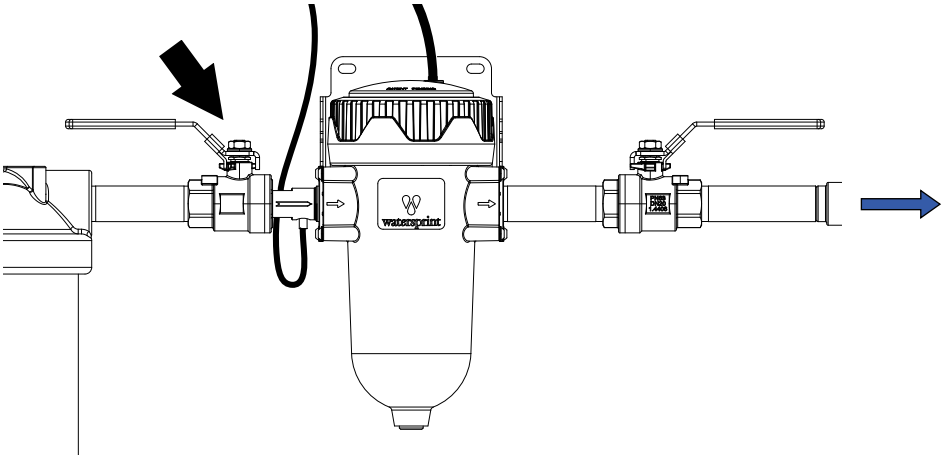
WARNING! The Watersprint Core® Water Disinfection Unit must always be fully assembled when connected to the Controller Unit. Connecting the Watersprint Core® Water Disinfection Unit to the Controller Unit when opened may cause exposure to UVC light that can cause permanent damage to the eyes.

U. Connect the system to the ground fault interrupter, and ensure that the Controller Unit's status indicator light is illuminated green (On). Immediately continue with step V below.

V. Fully open the isolation valve downstream the Watersprint Core® Water Disinfection Unit and check for leaks.



W. Slowly open the isolation valve upstream the Watersprint Core® Water Disinfection Unit until fully opened and check for leaks. Ensure that the Controller Unit's status indicator light is illuminated blue (In operation) when water is flowing through the disinfection system.



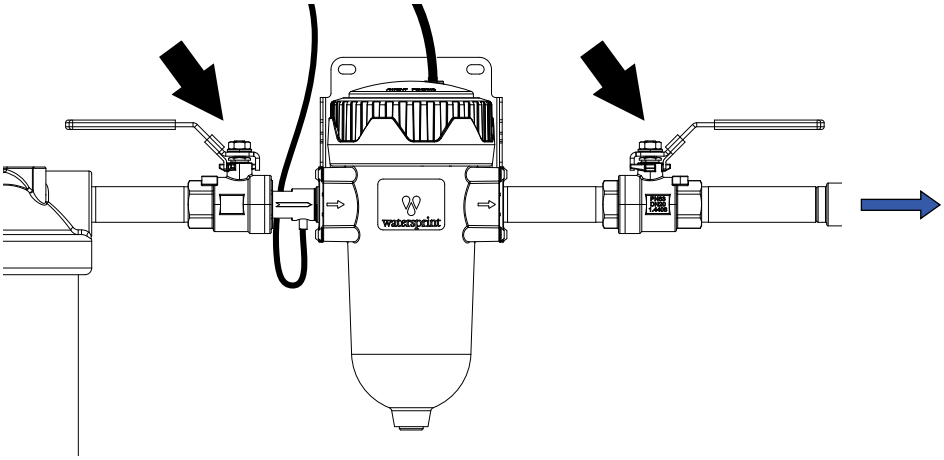
X. Evacuate trapped air and dust by allowing the water to flow through the disinfection system for a few minutes.

NOTE! If the aforementioned procedure was not properly executed and non-disinfected water flowed through the Watersprint Core® Water Disinfection Unit, the water system, downstream the Watersprint Core® Water Disinfection Unit, needs to be sanitized by a supplementary disinfectant after the installation. This to ensure that the entire system is clear of any contaminants. Contact your local water dealer for more information.

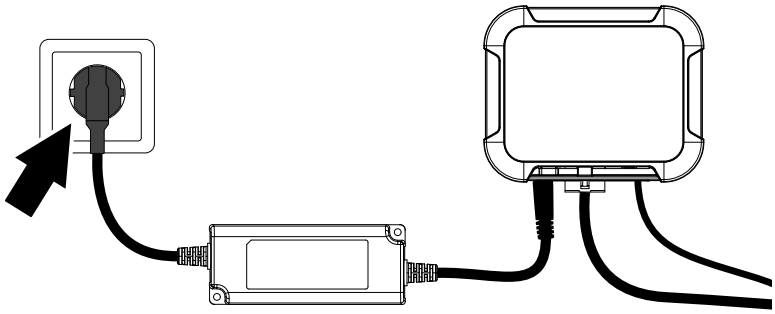
Y. Fully close the high flow cold water outlet (i.e. kitchen faucet, shower or similar) and check for leakages.

REPLACEMENT OF LIGHT SOURCE

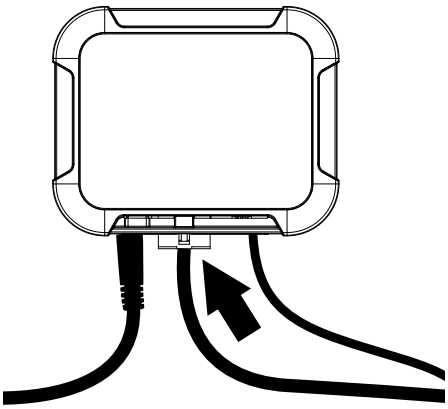
A. Close the isolation valves upstream and downstream the Watersprint Core® Water Disinfection Unit.



B. Shut-off the power to the Watersprint Core® Water Disinfection Unit by disconnecting the mains connector of the Controller Unit.



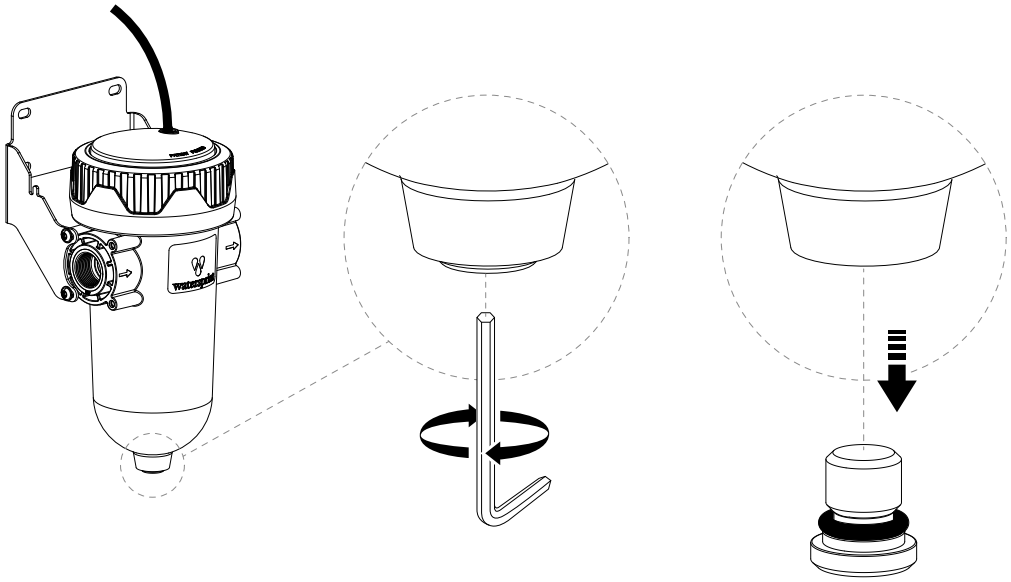
C. Disconnect the cable between the Watersprint Core® Water Disinfection Unit and its Controller Unit.



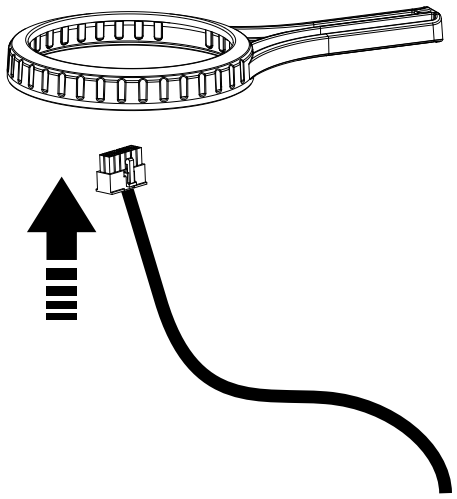
D. Place a bucket underneath the Watersprint Core® Water Disinfection Unit.

E. Slowly unscrew the drain plug to release any built-up pressure . Once the pressure is released, keep unscrewing the drain plug to completely drain the Watersprint Core® Water Disinfection Unit into the bucket.

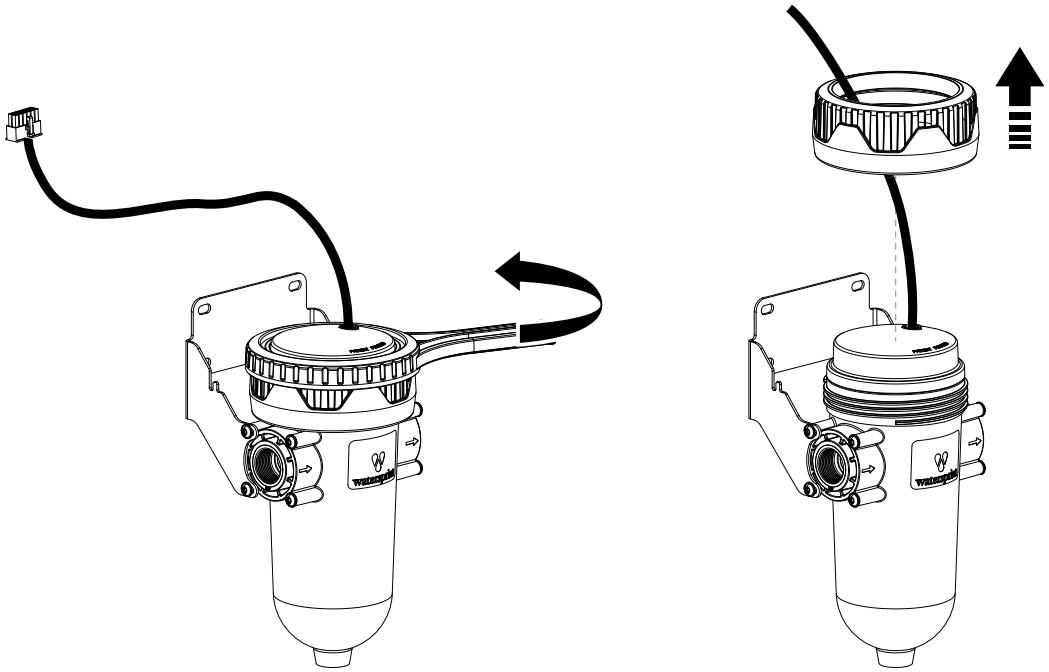
⚠ **WARNING! Make sure that the Watersprint Core® Water Disinfection Unit is electrically disconnected from its Controller Unit. If the Watersprint Core® Water Disinfection Unit is connected to the Controller Unit when opened, it may cause exposure to UVC light that can cause permanent damage to the eyes.**



F.



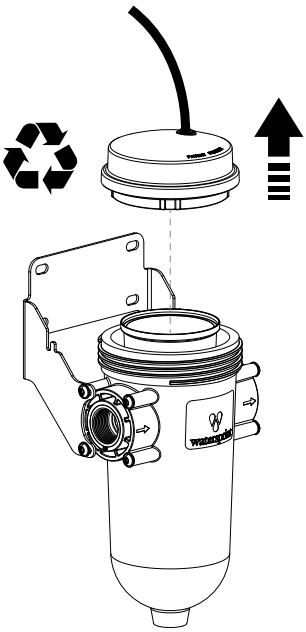
G.



H.

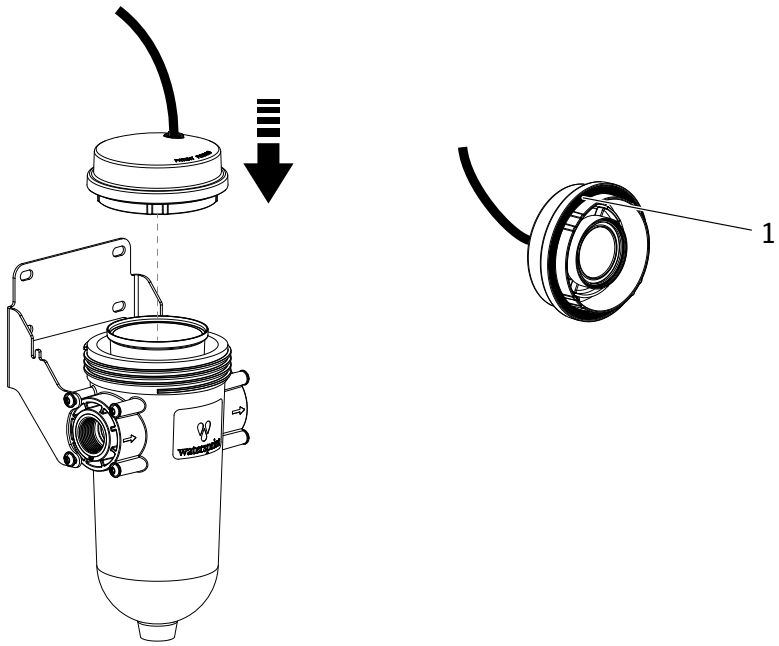
NOTE! Be carfeul when handling the UVC LED unit and Reflector Assembly.

NOTE! Keep in mind that dust and dirt should not come into contact with the UVC LED unit. Avoid touching the glas of the UVC LED unit.



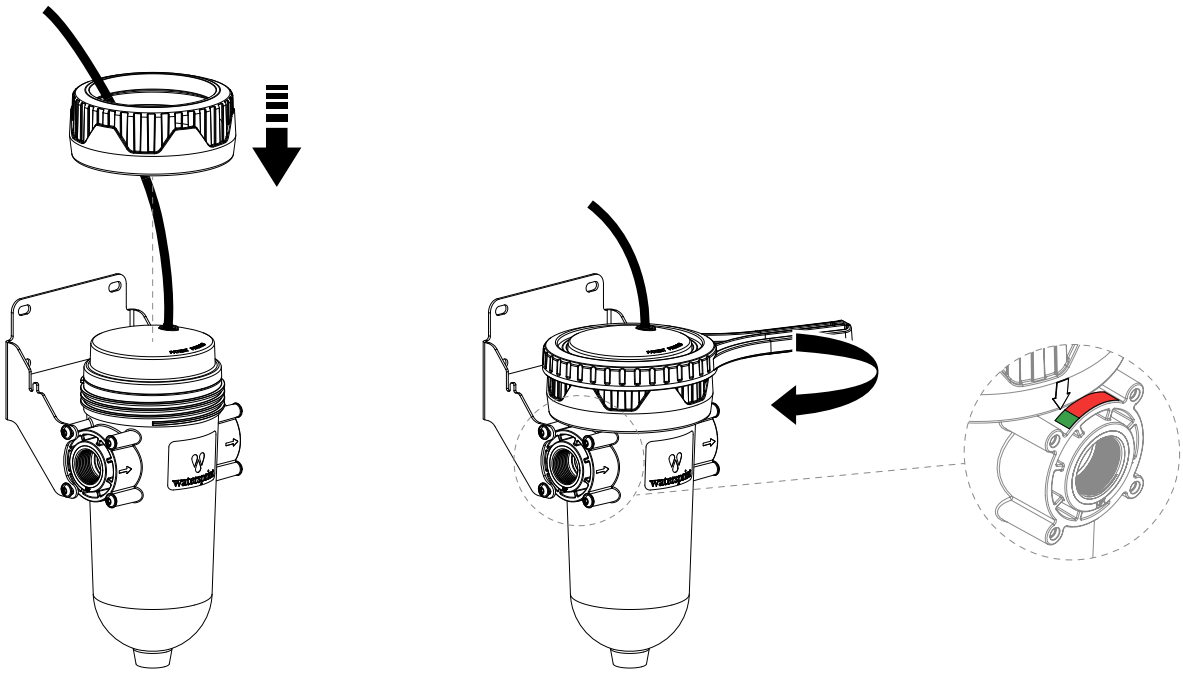
I.

NOTE! Make sure that the o-ring of the UVC LED unit still is in the o-ring groove, prior to replacing it back onto the Watersprint Core® Water Disinfection Unit.

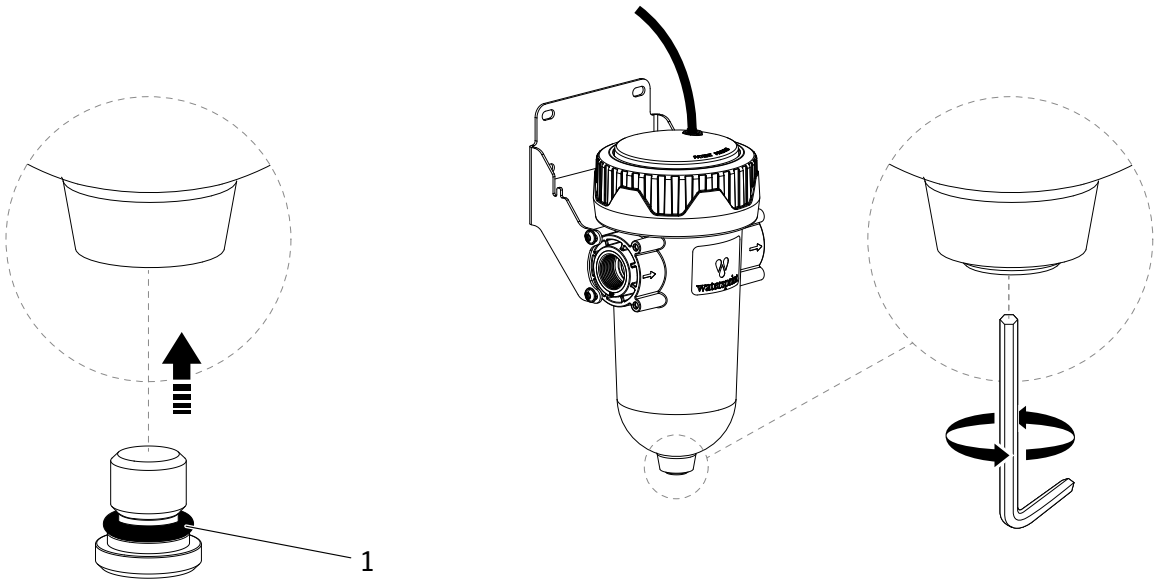


1. O-ring

J. Using the wrench, tighten the ring nut until it comes to a firm stop. Make sure the arrow distinctly aligns with the green indicator.



K. Make sure that the o-ring is in place on the drain plug and reassemble it into the Watersprint Core® Water Disinfection Unit.



1. O-ring

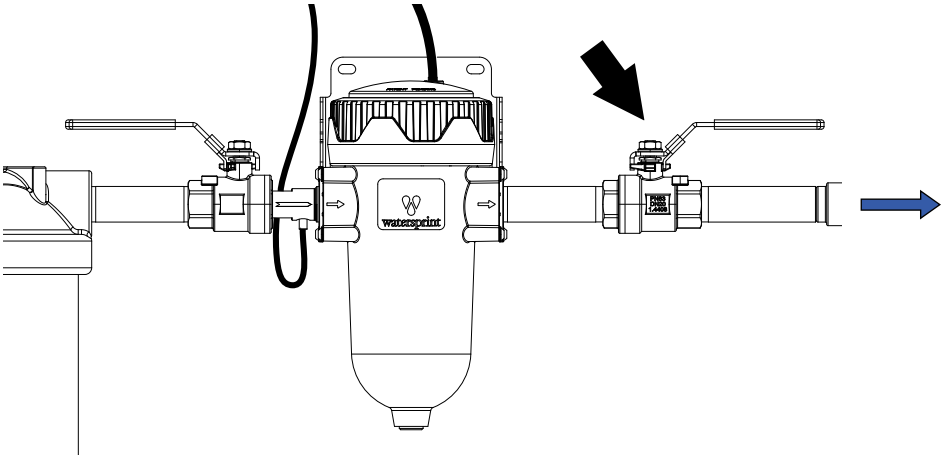
L. Fully open a high flow cold water outlet (i.e. kitchen faucet, shower or similar).

M. Electrically connect the Watersprint Core® Water Disinfection Unit to the Controller Unit.

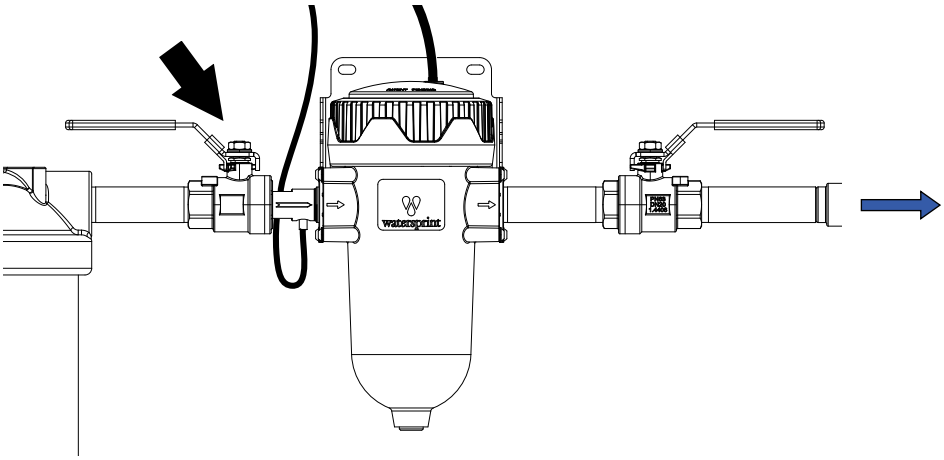
WARNING! The Watersprint Core® Water Disinfection Unit must always be fully assembled when connected to the Controller Unit. Connecting the Watersprint Core® Water Disinfection Unit to the Controller Unit when opened may cause exposure to UVC light that can cause permanent damage to the eyes.

N. Connect the system to the ground fault interrupter, and ensure that the Controller Unit's status indicator light is illuminated green (On). Immediately continue with step O below.

O. Fully open the isolation valve downstream the Watersprint Core® Water Disinfection Unit and check for leaks.



P. Slowly open the isolation valve upstream the Watersprint Core® Water Disinfection Unit until fully opened and check for leaks. Ensure that the Controller Unit's status indicator light is illuminated blue (In operation) when water is flowing through the disinfection system.



Q. Evacuate trapped air and dust by allowing the water to flow through the disinfection system for a few minutes.

NOTE! If the aforementioned procedure was not properly executed and non-disinfected water flowed through the Watersprint Core® Water Disinfection Unit, the water system, downstream the Watersprint Core® Water Disinfection Unit, needs to be sanitized by a supplementary disinfectant after the installation. This to ensure that the entire system is clear of any contaminants. Contact your local water dealer for more information.

DISPOSAL OF COMPONENTS

When disposing of Watersprint Core® water disinfection system, please follow these guidelines:

- The UVC LED unit and Controller Unit should be disposed of as electronic waste (e-waste).
- The Ring Nut, Watersprint Core® water disinfection housing and Ring Wrench can be disposed of as plastic waste.
- The Reflector Assembly should be disposed of in accordance with national and regional laws and regulations in your area regarding Polytetrafluoroethylene (PTFE).

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waterspring

Intelligent water purification

Watersprint AB
Medicon Village,
Scheeletorget 1
SE-223 81 Lund
SWEDEN
Tel: +46 46 378 00 90
info@watersprint.com
www.watersprint.com

9180-P2_WS-40-2400

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