

HYDRALOOP

USE WATER TWICE



Hydraloop H350, H300 & H600

Owner Manual

Original Instructions



Certified to
NSF/ANSI
Standard 350



Hydraloop H350/H300 is certified by
IAPMO R&T against NSF/ANSI 350.

Dear customer,

Thank you for purchasing this Hydraloop unit.

Read this manual before using the product and keep it in a safe place for future reference.

To ensure safe and proper operation, we recommend regular maintenance of the product.

Our service and customer service organization can help with this.

We hope you will enjoy this product for many years to come.

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1. [Safety](#)

1.1 General safety instructions

WARNING

- Read this manual before installing and/or using the Hydraloop unit.
- This Hydraloop creates NON-POTABLE water. DO NOT use the output water as drinking water.
- The Hydraloop devices should only be opened or serviced by authorized persons/installers. Risk of electric shock may occur.
- The Hydraloop unit should be placed and installed according to installation directions for safe operation.

WARNING

- A damaged power supply cable should always be replaced by authorized persons/installers to avoid dangerous situations.
- Always disconnect the Hydraloop unit from the mains before servicing or maintenance.

ATTENTION

- After servicing the Hydraloop unit, the installation should always be checked for leakages.

1.2 Recommendations

ATTENTION

- The Hydraloop unit should only be placed indoors with an ambient temperature between 14-35°C | 57-95°F.
- The Hydraloop unit should never be placed in direct sunlight.
- The Hydraloop unit should always be easily accessible for service and maintenance.

ATTENTION

- The Hydraloop unit should only be moved or transported in an upright, vertical position.

ATTENTION

- Never use greywater from kitchen sinks or dishwashing machines as input water to the Hydraloop unit. Only use water from shower and bath, and optionally from washing machines, bathroom hand basins, heat pumps or air conditioning units.

1.3 Responsibility and Liability

1.3.1 Manufacturer

Hydraloop warrants the proper working of the system according to its general sales conditions.

As a manufacturer, Hydraloop is not liable in the following cases:

- Failure to follow the instructions for installation and maintenance of the Hydraloop unit.
- Failure to follow the instructions for use of the device.
- Inadequate or insufficient maintenance of the device.

1.3.2 Installer

The installer is responsible for the installation and initial commissioning of the Hydraloop unit device.

- The Hydraloop unit device should always be installed according to the local legislation and standards.
- Perform initial commissioning and necessary checks.
- Explain the installation to the user.
- Hand over all manuals to the user.

1.3.3 User

To ensure optimal functioning of the Hydraloop unit device, please observe the following:

- Read and observe the instruction manuals of the Hydraloop unit device.
- Request the assistance of a qualified installer for installation, commissioning, service and maintenance.
- Ask the installer for an explanation of the installation.

2. [Introduction](#)

Hydraloop Systems B.V. offers a range of patented residential greywater recycling products. Grey water from the shower and bath is collected, cleaned and disinfected and reused for flushing the toilet, the washing machine and garden. Optionally, approximately 50% of the washing machine water can be recycled through the washing machine recycling option. The pipes need to be prepared in the house by isolating the drainpipes of the showers/baths from the drainpipes of other water sources (such as sinks, kitchen and toilets). The toilet fixtures and the washing machine have separate supply pipes for the water recycled by the Hydraloop unit system (separated from potable water). Hydraloop H350/H300 is certified by IAPMO R&T against NSF/ANSI 350.



3. [Product definition](#)

- Hydraloop models are H150, H300, H350 and H600*
- Hydraloop water recycling unit for bathing water with one or more water outlets.
- one recycled water outlet to feed the toilet cisterns,
- a second recycled water outlet for feeding the washing machine,
- a third recycled water outlet to use for the garden.
- in addition to recycling bathing water + 50% of the laundry water can be recycled by the Hydraloop.

* Product availability may vary by state or country.

It is not allowed to feed the Hydraloop unit with water from hand basins, dishwashers, kitchen sink or floor drains.

4. [Design, construction & components](#)

The Hydraloop unit is a turnkey water recycling product. The Hydraloop unit is a pre-assembled product that includes:

- all water tanks for treatment and storage of the treated recycled water
- a boost pump to distribute the recycled water by independent outlets to the users of the recycled water like toilets, washing machine and garden.

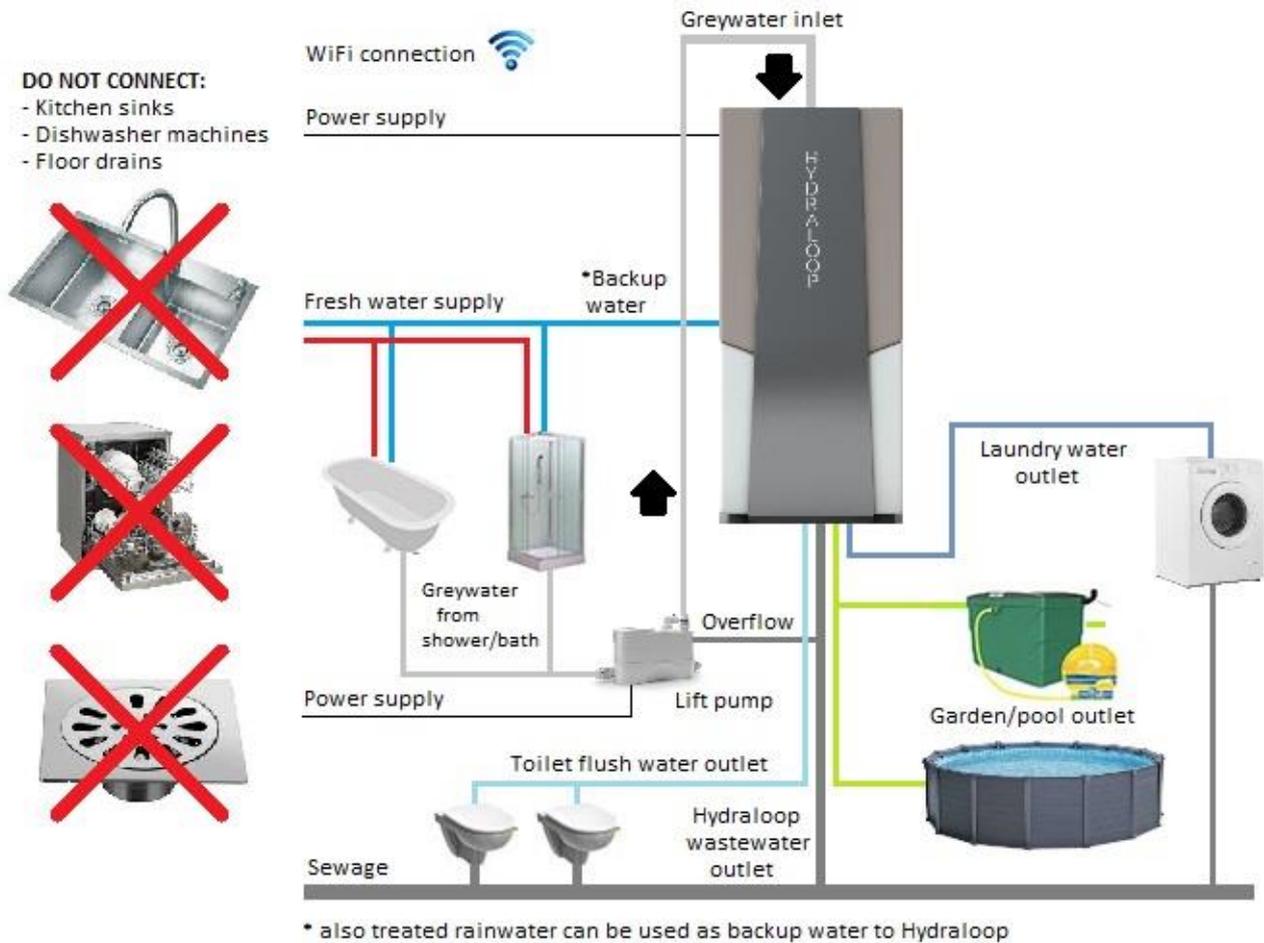
The Hydraloop unit requires:

- isolated greywater inlet from bathing water and optionally laundry water via the laundry water recycle option,
- one or more independent recycled water outlets depending on model and version,
- a connection to back-up water supply (potable water or rainwater),
- a connection of wastewater drains to sewer,
- a connection to electrical power,
- a connection to WIFI.

5. Installation principle

The installation and commissioning of the HydraLoop unit can only be carried out by approved installers who have been trained by HydraLoop Systems B.V. The image below shows an overview of the installation principle.

(Use this image for reference).



IMPORTANT:

As a source, you can use shower and bath water, and optionally water from washing machines, heat pumps and air conditioning units. Washbasins, kitchen sinks and dishwashers may not be connected!

6. [Startup time](#)

The Hydraloop unit needs 21 days to develop the biological treatment process and to become fully operational. The greywater treatment will start from the very first day, however this recycled water will be purged into the sewer and backup water will be supplied instead of recycled water. After this start up period of 21 days, the Hydraloop unit will automatically switch over to offer recycled water to the toilets, washing machine and/or garden.

7. [Period of 'non activity'](#)

Hydraloop works complete automatic and adapts to the activity in the house. It is advised to always keep the Hydraloop unit switched on and never disconnect the Hydraloop unit when leaving the house for some weeks up to one month. If the Hydraloop unit does not detect any incoming or outgoing water flow for a period of 72 hours, it assumes there is no occupancy of the house and activates the purge valve to empty the lower recycled water storage tank until 15 lit|3.5 gal is left in the storage tank. The upper processor treatment tank and the upper collector tank will keep the minimum amount of water in standby mode and will continue to aerate this water in intervals, so the treatment system is standby for the next incoming water. If the inactive period is longer than 1 month the system will purge the upper processor tank as well and the system will go into 'deep' standby mode. As soon as new incoming water enters the Hydraloop unit it will 'wakeup' immediately and starts working again automatically. However, after a 'deep' standby mode the treatment system needs to be reactivated again, just like at the initial startup at the installation of the Hydraloop unit. This will be done fully automatically by the system itself.

8. [Power cut](#)

In case the electric power to the unit is cutoff, the Hydraloop unit will not supply water to the toilets and washing machine until power is restored. However, the Hydraloop unit Electronic Control Unit (ECU) will continue to work on its back-up batteries. If electric power is restored within one (1) hour, the Hydraloop unit will automatically start working again as normal. Stored recycled water or backup water will be available immediately. In case the power is not restored after more than one (1) hour, recycled water in the storage tank and all water in the upper processor treatment tank will be purged to the sewer using the backup battery power. After power is restored, the Hydraloop unit will automatically be fully operational again, supplying backup water until new recycled water is available. If power cuts happen quite often in your area you could opt to install a low-cost Uninterrupted Power Supply (UPS) to maintain power to the Hydraloop unit during a power cut.

9. [System malfunction](#)

The Hydraloop unit is reliable, and all critical components are monitored continuously by the unit itself and by the Hydraloop unit server through the WiFi internet connection. In the unlikely event a component fails - for example the UV lamp - the Hydraloop unit will automatically switch to its backup water, and everything in-house will function as usual, but no recycled water will be distributed as a precaution. The visual alarm light on the Hydraloop unit front plate will blink red 4 times per minute indicating an abnormal situation, a warning message is sent via the WiFi connection to the Hydraloop unit monitoring server and to the customers Hydraloop App and an audible beep as well will sound 4 times per minute. (See more about alarms in Chapter 10).

Warning: Hydraloop is designed for 'normal usage' and is not designed to receive solid materials like stones, chemicals, paint residues, hair dye, bleach and disinfectants or any other matter that is unusual for shower/bath and washing machine water. In the event these substances are entered into the Hydraloop unit, the system itself can be damaged and the water treatment can be disturbed.

Note: Hydraloop Systems BV is not liable for any damage if the above or any other abnormal substances are entered into the Hydraloop unit and the unit and/or the washing machine/laundry is therefore damaged.

10. [Explanation visual alarm light and audible alarm](#)

If one of the below mentioned alarms are activated, the Hydraloop unit will stop offering recycled water and will offer backup water unless in case of Water distribution pump failure.

High water alarm: Audible alarm 2 beeps every minute, visual alarm 2 light pulses every minute

Air pump alarm: Audible alarm 3 beeps every minute, visual alarm 3 light pulses every minute

UV-C disinfection lamp alarm: Audible alarm 4 beeps every minute, visual alarm 4 light pulses every minute

Water circulation failure: Audible alarm 5 beeps every minute, visual alarm 5 light pulses every minute

Water distribution pump failure: Audible alarm 6 beeps every minute, visual alarm 6 light pulses every minute

In case of a water distribution pump failure, it can happen that water distribution to the users is blocked or limited

If you need assistance, call your Hydraloop dealer or contact Hydraloop technical support via email support@hydraloop.com or phone on number: +31 88 100 3500 (EU) | +1 414 89 500 21 (USA)

11. [Maintenance](#)

We recommend a check performed by a Hydraloop accredited installer once every two years.

This check contains the following elements:

- Descale the Hydraloop unit with a citric acid solution to descale the integrated water tanks.
- Remove, clean and descale the air diffuser.
- Replace the rubber membranes of the air pump every three years (according to the manual of the air pump supplier).
- Replace the UV light bulb every two years by unscrewing the lid on the UV-C lamp housing.
- Effluent samples can be collected using the water valve that is connected to the washing machine.

In regions with very high levels of water hardness more frequent descaling of the water tanks may be necessary. Please check water hardness during installation.

12. [FAQs](#)

HYDRALOOP WATER

What is greywater?	Greywater is lightly contaminated wastewater from bath and shower, and optionally from washing machines, hand basins, air conditioning units and heat pumps. It doesn't include wastewater from the kitchen or toilets, and it doesn't contain sewage (black water). NOTE: handbasin water can only be used in Cascade set ups and cannot be water from the kitchen.
What is Hydraloop water?	Hydraloop water is treated reusable water. It is clean, clear, safe, and disinfected, ready for re-use.
Is Hydraloop water safe?	Yes. Hydraloop water is clean, clear and disinfected. The treatment technology is NSF-350 certified and meets the most stringent international standards. Hydraloop water should not be used for drinking, cooking or personal hygiene.
Can I drink Hydraloop water?	The Hydraloop system is not meant for producing drinking water.
What can I use Hydraloop water for?	Hydraloop water is suitable for toilet flushing, washing machines, garden irrigation and topping up swimming pools.
Can I use Hydraloop water in my shower, bath or bidet?	No. There are standards in place that decide what one can use the recycled water for. These differ per country. Generally, you are not allowed to shower/bath with recycled water (although it would be safe).
Can I use Hydraloop water in my kitchen?	No, Hydraloop water is non-potable water. Therefore, you should not use it for preparing food or drinks, or for doing dishes.
Can I use Hydraloop water for my vegetable garden?	Yes, you can use Hydraloop water for growing crops.
Can Hydraloop provide drinking water quality?	No, because it is not our core business. There are other companies that offer products that can be added to turn it into drinking water. We do not

	turn it into drinking water quality, because you only drink a few liters of water.
Can I combine Hydraloop with a grease trap or grease interceptor to recycle water from my kitchen?	No, we do <u>not</u> allow it. Hydraloop is not designed and suitable to recycle kitchen water. 1. The water from your kitchen sink and dishwasher is only a small amount compared to the water from your shower and bath. The water you save doesn't weigh up to the costs of implementing a grease trap or grease interceptor. 2. Even after passing a grease trap or grease interceptor, kitchen water is still too dirty for water treatment in a Hydraloop system.
Can I combine Hydraloop with a rainwater tank?	Yes, you can. We have customers that use this combination and brought down their tap water consumption from 150 liter per person per day to 15 liter per person per day. You can connect Hydraloop with a rainwater system in two ways: 1. As a backup source for the Hydraloop system (instead of tap water) 2. To transfer surplus recycled water into the rainwater tank
Can I collect rainwater, and have it treated by Hydraloop?	No, the tank size of each Hydraloop unit is designed for a daily input of shower water. Rainwater comes in large volumes and storage capacity of the Hydraloop tanks are not designed for these volumes.
Can Hydraloop replace a rainwater tank or reduce its size and costs?	When you install a Hydraloop, you could size your rainwater tank just for irrigation, because you use recycled Hydraloop water for toilet flushing and the washing machine. You can recycle for example 75.000 liters / 21.000 gallons with H300 and 150.000 / 40.000 gallons for H600 a per year. If you recycle more water than you use inside the building, Hydraloop can pump the surplus to a rainwater tank. This way, you can use Hydraloop water to irrigate the garden and optimize your usage of recycled water. You can also keep collecting rainwater in a tank for garden irrigation. We believe that rainwater should contribute to the hydrologic cycle and not flow into the sewer. Using Hydraloop water inside and outside, and using rainwater only outside is the most sustainable way to reuse water.
Does Hydraloop work with water that contains a lot of calcium?	Yes. If you have much calcium in your tap water, we recommend descaling your Hydraloop every six months with 500 cl (1 pound) of citric acid. The app will advise you how to descale your Hydraloop unit.

CERTIFICATION

Is Hydraloop certified?	Yes, Hydraloop is certified by NSF/ANSI according to the NSF-350 standard, PIA (Germany) and KIWA
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SYSTEM

How does Hydraloop water treatment work?	Hydraloop uses a unique combination of sustainable water treatment technologies that ensures the highest water quality, without requiring regular maintenance or doing harm to the environment. Hydraloop's patented technology is consumer friendly, carefree and sustainable. The treatment process removes hair, dirt, soap and other pollution from greywater without the use of filters, membranes, or chemicals, so no need to clean and exchange filters. This reduces the operational costs substantial. Hydraloop water treatment combines six technologies: sedimentation, floatation, dissolved air floatation, foam fractionation, an aerobic bioreactor, and disinfection of the treated water with powerful UV light.
How long does the treatment of the water take	The treatment takes about 5 hours.
Does Hydraloop make a sound?	In standby mode and during water treatment, the Hydraloop units make a sound of approximately 44 db. You can compare it with the sound of a

	silent dishwasher. The sound comes from the dissolved air floatation (bubbles) within the system. Another sound that is noticeable is when the water pump is pumping, although this is only a brief moment and the pump is a silent pump.
What happens if too much water enters the system?	The tanks will automatically overflow into the sewer.
What happens when all the Hydraloop water is used up?	When you have used all of the Hydraloop treated water, the system automatically switches to regular tap water. As soon as new Hydraloop water is available, the system automatically starts to supply this recycled water again.
What happens when I go away for a few days?	If no water comes in or leaves the Hydraloop for more 72 hours, the Hydraloop system will automatically switch to 'holiday mode'. If you start using water again, the system automatically returns back into operation.
What happens when I go away for a longer period of time?	If you go away for more than 3 weeks, the Hydraloop will automatically empty all the water from the tanks. The system will wait until you return from holiday and automatically returns back into operation. Do not turn off the Hydraloop unit! Power consumption will be neglectable.
What add-ons does Hydraloop offer?	- Third outlet for garden irrigation and/or topping up swimming pool
How many toilets can be connected to a Hydraloop system?	A single Hydraloop H300 or H600 system can feed up to four (4) toilets at a maximum distance of 20 meters wide and 12 meters high. Cascade systems can be equipped with an external booster pump to extend the range and number of toilets.
How many washing machines can be connected to a Hydraloop system?	A Hydraloop system can be connected to one (1) washing machine. The Hydraloop monitors the washing machine program to supply recycled or fresh water. If more than one washing machine is connected, this process would not work.
What is the warranty on a Hydraloop unit?	Static components (tanks) have a warranty of two years, all components subject to wear and tear (valves, etc) have a warranty of one year. We offer the Hydraloop Care option to extend the warranty on all component for 5 years or longer. Hydraloop Care be extended for up to 20 years. Details are available up on request.
What is the lifespan of a Hydraloop unit?	The lifespan of a Hydraloop unit is at least 20 years.

BEFORE INSTALLATION

Does the Hydraloop system require extra space?	A Hydraloop system requires 60 centimeters of space in front of the system to enable easy access for service and maintenance.
Does the Hydraloop system require a wall power outlet?	Yes. The wall power outlet must have earth safety protection and should preferably be positioned above or next to the system.
What is the minimum weight the floor must be able to carry?	Before you install the system, make sure the floor can carry a minimum of 1000 kilograms per m ² (for the H300 system) or 800 kilograms (for the H600 system).

INSTALLATION

Can Hydraloop be installed in an existing building?	Yes. Hydraloop can be retrofitted to existing homes and apartments. But you have to make sure the building is Recycle Ready. You can find information on the preparation of your plumbing in the Factsheet "Have your Building Recycle Ready". If you need to break walls to install a Hydraloop system, getting your building Recycle Ready might become costly. The most economical way is to combine the installation of a Hydraloop system with a home or bathroom renovation.
Can Hydraloop be installed in a new building?	Yes. Hydraloop can be installed in any new building if the plumbing is installed correctly. But you have to make sure the building is Recycle Ready. You can find information on the preparation of your plumbing in the Factsheet "Have your Building Recycle Ready".
Can anyone install a Hydraloop?	Hydraloop is a high-tech product and can only be installed by an accredited installer/plumber. Only this way we can offer our warranty.
Does the Hydraloop system require start-up time before it's operational?	Each Hydraloop system has a start-up time of 21 days. This is required by the NSF-350 standard.

ONLINE CONNECTION

Why do you monitor Hydraloop systems in the central server?	All operational Hydraloop systems are connected to the central server for remote monitoring, remote service and over-the-air software updates.
Does the Hydraloop system have to be online and connected to the central server at all times?	In principle, yes. Your system needs to be connected to the central server. There is no problem if your internet connection is not 100% stable. Your Hydraloop system can function without server connection for a limited amount of time (up to seven days). You should, however, never turn the internet connection off.
What data does the central server monitor?	The central server monitors the status of the Hydraloop system (operational, holiday mode etc.), as well as tank levels, valve positions, pump settings and displaced water volumes over time.
How can you guarantee that the central server is always online?	The Hydraloop central server runs at the premises of a qualified hosting provider with secured data protection and back up services.
How does the data exchange between my Hydraloop system and the central server work? Are my data safe?	Your Hydraloop system has a secure TCP connection with the central server. Your Hydraloop can only communicate with the central server if the server sends a specific signal. Your Hydraloop cannot communicate with other internet servers.
Can I change the WIFI network?	Yes, you can. Before you change the WIFI network, you should shut down the old WIFI signal. Then please follow the steps as explained in the installation manual.
What happens if my internet connection is unstable or cut off?	Nothing happens, as long as the connection is restored within 7 days.

MAINTENANCE

How often does a Hydraloop unit need maintenance?	One of Hydraloop's benefits is that our systems don't use filters or membranes, so they can't clog, and you never have to clean or replace a filter. This reduces costs too. All Hydraloop units work fully automatic and have a regular self-cleaning mode. We recommend a preventive maintenance check by your Hydraloop installer once every two years.
How often do I need to replace the UV lamp?	The expected lifetime of the UV lamp is 3 years. We recommend scheduling a preventive maintenance check for your unit by your Hydraloop installer every two years. During this check, the UV light bulb is exchanged.
Do I need special cleaning products or laundry detergents?	No, you don't need to use special cleaning products or laundry detergents. The only requirement is that you use products without bleach in your bathroom cleaning products. (For all showers and baths that are connected to the Hydraloop).
What happens if I clean the shower or bath with a product that contains bleach?	If you clean your shower or bath with a product that contains bleach, you need to restart the bioreactor with your smartphone app.
What happens if I dye my hair in the shower?	You can only rinse out hair dye in the shower after you've activated the App to flush the dye rinse water directly to the sewer.
How do I restart the bioreactor?	In the app, select the 'start-up procedure'. This will empty the tanks and restart the bioreactor inside the Hydraloop unit. During the start-up period, Hydraloop automatically switches to backup water. You can use the showers and baths like you always do. When the biological treatment is fully operational again Hydraloop will offer treated reusable water again. The 'start-up procedure' currently takes 21 days. Hydraloop will soon offer a bioreactor vitalizer – in the form of a (re)starter kit – which will shorten the start-up period to 7 days.

MODELS

What is the tank capacity of a Hydraloop H300?	Each Hydraloop unit has two tanks. The upper tank, where the cleaning process takes place, has a capacity of 180 liters (47 gallons). The lower tank, where disinfected water is stored, has a capacity of 120 liters (31
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	gallons). Hydraloop H300 can treat 3 times the capacity of 180 liters per day to a total of 540 liters.
What is the tank capacity of a Hydraloop H600?	Each Hydraloop unit has three tanks. The upper two tanks, where the cleaning process takes place, has a capacity of 360 liters (95 gallons). The lower tank, where disinfected water is stored, has a capacity of 240 liters (63 gallons). Hydraloop H600 can treat 3 times the capacity of 360 liters per day to a total of 1080 liters.
What is the difference between the H300, H600 and Hydraloop Cascade?	In short: the H300 has the ideal treatment capacity for a household of up to 4 - 5 people (in Europe, where people on average use 45 liters 12 gallons of water for showering). The H600 has the ideal treatment capacity for small businesses and large households (and for households in countries where people on average use 90 liters 24 gallons of water for showering). The Cascade is scalable and made-to-measure, so it can handle projects of any size. For details, see the Product Factsheets for H300, H600 and Cascade.
What is the size of the models and how much electricity do they use?	See factsheet H300, H600. Hydraloop Cascade is a multiple of the number of Hydraloop units. Size H300: W:34 cm (13.4 inch) x D: 80 cm (31.5inch) x H:185 cm (74 inch / 6.1 foot) Size H600: W:68 cm (26.8 inch) x D 80 cm (31.5 inch) x D: 185 cm (74 inch / 6.1 foot) Electricity: ± 175 KWh/year (H300), ± 350 KWh/year (H600)

SMARTPHONE APP

Can I decide what I want to use Hydraloop water?	Yes, with the Hydraloop smartphone app you can decide how you want to use Hydraloop water. In the default mode, Hydraloop primarily uses recycled water for toilet flushing and for the washing machine. You may prioritize irrigating your garden or topping up your pool (if you have these add-ons to your Hydraloop unit).
The Hydraloop has just been installed, but my smartphone app doesn't show any available recycled water. Why?	After installation, Hydraloop automatically enters the 'start-up procedure'. The biological treatment in the Hydraloop unit needs to develop and will be ready in 21 days. During the start-up procedure, Hydraloop automatically offers backup water for your toilet, garden, and washing machine. After that, Hydraloop will switch to recycled water and you can start monitoring your water savings on the App.

13. [Limitations](#)

The maximum water temperature

Hydraloop can process is 140 degrees Fahrenheit/60 degrees Celsius. Using higher temperatures than 140 degrees Fahrenheit/60 degrees Celsius can damage the Hydraloop unit.

Hair dye entering the Hydraloop unit is not allowed. Doing so may damage the functioning of Hydraloop's biological treatment system and may also affect its seals. If this happens by accident, you have to set the Hydraloop unit to back up water with the smartphone App and contact your installer. Hydraloop Systems B.V. is not responsible for damage caused by products such as hair dye, paints or bleach to your laundry.

It is not allowed to use your shower and bath as a toilet. It is not a problem when some urine enters the unit by accident and the water quality will be fine. However, this may only happen incidentally, not frequently.

Cleaning the shower and bath with aggressive cleaning products containing bleach is not allowed. Doing so may damage the functioning of Hydraloop's biological treatment system and may also affect its seals. If this happens by accident, you have to set the Hydraloop unit to backup water with the smartphone App and contact your installer. We recommend using environmentally friendly cleaning products. If using more regular cleaning products, please check they do not contain bleach.

The operating temperature of Hydraloop is between a minimum temperature of 57 degrees Fahrenheit/14 degrees Celsius and a maximum temperature of 95 degrees Fahrenheit/35 degrees Celsius. The Hydraloop unit must be protected from direct sunlight onto the Hydraloop unit itself.

Do you still have some unanswered questions?

We're here to help! Please don't hesitate to contact us with your questions and send your e-mail to info@hydraloop.com.

Notes:

Hydraloop can only accept greywater from the shower & bath (and optionally washing machine water).

Product warranty will be void if greywater from other sources such as the kitchen / bathroom sinks, or dishwasher water is fed to the Hydraloop unit.

Hydraloop units equipped with the optional washing machine water recycle option can also recycle about 50% of the washing machine water.

14. [Warranty](#)

For warranty details, please check your Warranty Certificate.

15. [Specifications & Data Plate](#)

Dimensions (W x D x H):

80 cm|31.5" x 34 cm|13.5" x 185 cm|75" *

*Please note that with the incoming water pipes 210cm|83" of height is required.

Material specification:

The water tanks are made of Medium Density Polyethylene.

Backup water (potable or rainwater) connections:

Flow minimal 20 lit.|4.5 gal. per minute, pressure minimal 2 bar|29 Psi.

Power supply:

100/240V, 20W (24V internal)

Expected power consumption: \pm 175 kWh/year

Average recycled water quality:

Hydraloop Residential water recycling products are certified to NSF/ANSI standard 350

- CBDO5 (mg/L) < 10
- TSS (mg/L) < 10
- Turbidity (NTU) < 5
- E. coli (MPN/100mL) < 14
- PH (SU) 6.0 - 9.0



Noise level:

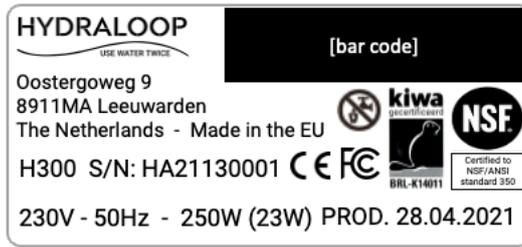
+ 44 dB

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Data Plate / Service Label:

The Hydraloop unit has a permanent data plate attached on the top of the unit that should look like the example below.

EUR



US



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Hydraloop reserves the right to change the specifications stated in this document.

Hydraloop products are protected by patents and patents pending. The Hydraloop unit brand name is a registered trademark.



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