

# **FACT SHEET - Residential Water Recycling**

With a Hydraloop system, you can recycle up to 95% of shower & bath water and optionally 50% of washing machine water – which enables you to reuse up to 85% of the total in-house domestic water. Due to its innovative and breakthrough technology, Hydraloop water is clean, clear, safe and certified and for toilet flushing, washing machine, garden irrigation and/or to top-up a swimming pool.

## Hydraloop H300

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H300	Input: Greywater from shower and bath
	Output: Two (2) valves for recycled water to the toilets and the washing machine
	Colour: Stone
	Front Plate: Stainless-steel front plate with white coloured logo and small status light
H300 Premium	Input: Greywater from shower and bath
	Output: Two (2) valves for recycled water to the toilets and the washing machine
	Choose from three colours: Dew, Chili and Stone
	Front Plate: Premium stainless-steel front plate with Hydraloop LED logo lights

#### Add-ons

Output Garden	One (1) extra valve for recycled water in the garden
Output Pool	One (1) extra valve for recycled water for the pool
Washing Machine	Option to recycle 50% of greywater from washing machine, including sanitary lift pump
Option	
Lift pumps *	DAB Novabox 30/300. This lift pump is submerged underneath the floor
	DAB Genix VT 030. This lift pump is on the floor

A lift pump is only necessary if the Hydraloop is positioned on the same floor or a storey higher as the shower/bathtub

## **Hydraloop H300 Specifications**

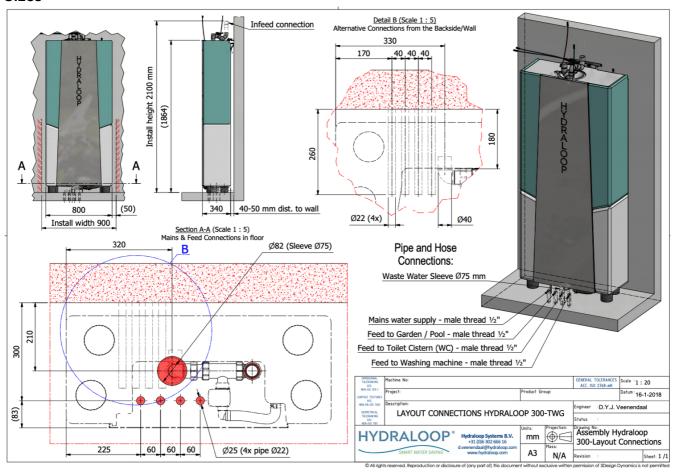
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Volume	300 liter / 80 gallons
Average cleaning capacity	530 liter / 140 gallons per day
Dimensions	80 cm wide, 34 cm deep, 187 cm high 31,5" wide, 13,4" deep, 74" high
Voltage	100/240 Volt, 24 Volt internal
Usage	20 watts during treatment.  Average power consumption: 200kWh/year
WIFI	The Hydraloop unit needs to be connected with an internal WIFI-network
Average recycled water quality	non-potable water CBOD5 (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.

## **LED Light Indications**

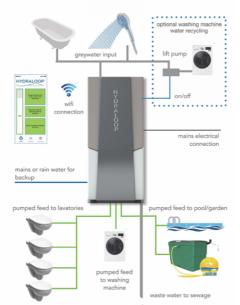
White	Hydraloop provides recycled water.
Blue	Hydraloop provides mains water (until recycled water becomes available).
Purple	The washing machine mode is active.
Green	In self-cleaning mode.
Orange + two (2) short sound signals per minute	The UV disinfection lamp is not functioning properly.
Red + three (3) short sound signals/minute	The water distribution pump has switched itself off. Which might happen when water is leaking somewhere in-house.



#### **Sizes**



#### Schematic overview



- Input from wastewater of bath & shower
- Output for toilet flushing, washing machine, garden irrigation and / or pool
- Wifi connected for Smartphone app, over the air updates and remote support
- 'Fit & Forget turnkey product
- No filters, membranes or chemicals
- Fully automatic, self-cleaning, low maintenance
- BREEAM and LEED certification points
- No compromise on hygiene and living comfort
- Contribute towards sustainable and offgrid living





For more information, please visit www.hydraloop.com