



Cleaning and disinfection systems for devices

Machine connections

Date: 2023 March
VS 2023-02

Installation – structural requirements

Water

- A water tap with $\frac{3}{4}$ " external threaded connection must be available. The water pressure must be at least 3 bar.
- A $\frac{1}{2}$ " water hose should be supplied, ideally a drainpipe with a $\frac{1}{2}$ " connection, for the waste water (sewage).

Electricity

- Depending on how the washing unit's power supply is designed, an outlet for 400 V and 32 Amperes should be installed (63 Amperes in case of additional dryer and / or additional heater). For automated washing production lines, two outlets for 400 V and 63 Amperes are necessary.
- Connection via socket according to national regulations (socket must be accessible after installation) so that an electrical safety test, e.g. during repair or maintenance, can be carried out without great difficulty.



Installation – structural requirements

Electricity

- To increase safety, the VDE recommends in its guideline DIN VDE 0100 Part 739 that a RCD/GFCI with a release current of 30 mA (DIN VDE 0664) be connected upstream of the device.
- Potential equalisation must be carried out.
- Technical data can be found on the nameplate or in the enclosed circuit diagram.
- The device may only be operated with the voltage, frequency and protection specified on the **nameplate**.
- The **nameplate** with the corresponding test marks (CE; VDE, DVGW etc.) is located on the left in the technical section of the washing plant.
- The **circuit diagram** is enclosed with the device.



Installation – connections water supply & drainage

- The water connections are found at one of the sides of the technical section of the washing machine.
- Connect the water hose to the connection marked '**Fill**' and attach it to the hot water supply connector (water temperature between 45 °C und 55 °C . in case of not having an additional water heater).
- RehaWash washing machines with an additional water heating (option) can be connected to the normal cold-water supply.
- Use only industrial hoses (pressure resistance max. 8 bar) suitable for temperatures over 65°C.
- Connect the **drainage hose** (½" industrial hose) to the connection marked '**Empty**'.
- **N.B.:** The **drainage hose** must be fastened to a floor or wall. The pressure in the waste water hose during pumping is about 3 bar. This can cause the hose to knock back and forth and possibly tear off if it is improperly fastened.



Installation – connections water supply & drainage

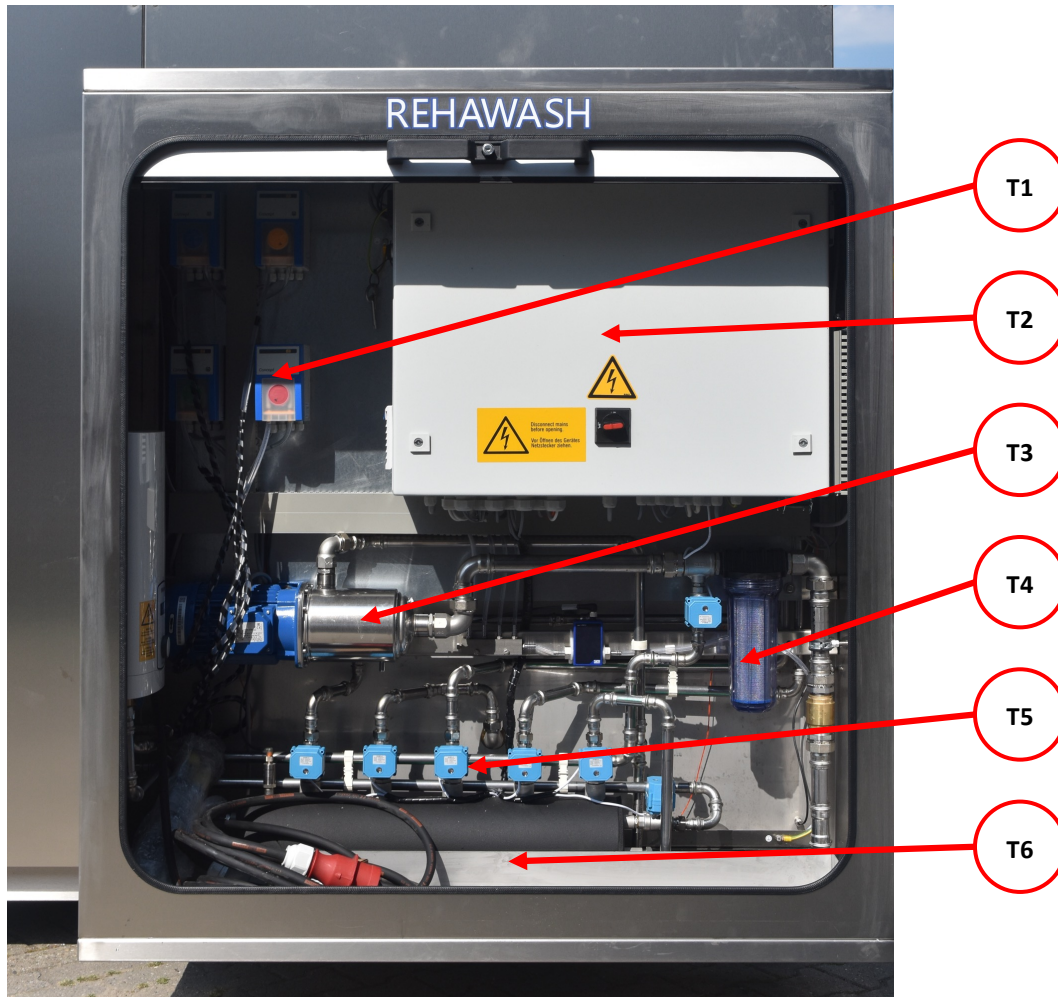


Installation – connections electrical

- Connect the RehaWash washing machine to the power grid using the cable mounted on the washing machine. The electrical connection is located in the technical componentry of the washing machine. An appropriately marked connection is provided for separate grounding of the machine.
- The following connection values must be observed:
 - **Warm Water Connection present:**
400 Volt, 16 Ampere Connection
 - **No Warm Water Connection:**
400 Volt, 32 / 63 Ampere Outlet.
- **N.B.:** Always connect the RehaWash washing machine directly to the outlet (without an extension cord).



Installation – technical section



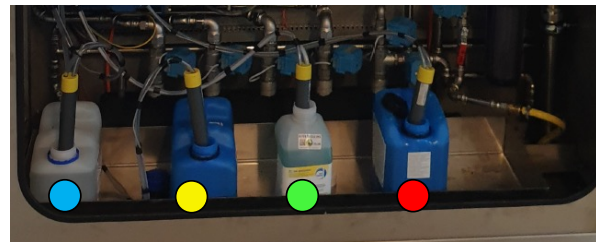
- T1 dosage pumps
- T2 switch box
- T3 water pump
- T4 water filter
- T5 valves
- T6 position cannisters

Installation – connections detergents / disinfect

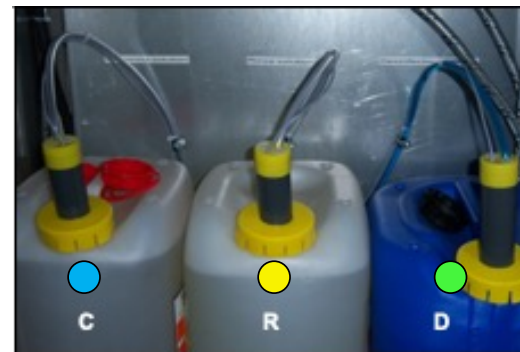


Four different agents will be connected:

1. Cleaning Solution (C) ●
 2. Rinse Solution (R) ●
 3. Disinfectant (D) ●
 4. Disinfectant -
selfdisinfection of the cabin (S) ●
- Be **absolutely** sure to follow the order indicated - C-R-D-S (see figure down right);
 - Now the polypropylene hoses are inserted into the associated canisters.



Detergents in technical section.



Connectors for dispensing hoses with level indicator (right)

Installation – water heater

Stiebel Eltron

DHB-E 18/21/24LCD



Installation – connections internet

The Multiline Series can be connected to the internet:

- Transfer your data to your local network
- Transfer your data to a printer;
- Info about a washing cycle can be attached on a device;
- Gives RehaWash the possibility to monitor your ML-unit when errors occur and advise you from a distance;
- Cable, wifi, mobile





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