2025/03/13 02:57 1/2 High-pressure washer

## **High-pressure washer**

The robot must be connected to an external high-pressure washer in order to wash.

## What kind of high-pressure washer fits the EVO Cleaner best?

The robot is delivered with, and shall be used with, a turbo-nozzle, working with a flow of 17-19 liters/minute at a pressure of 180 to 220 bars.

Pressure - Bar [PSI]	Flow with rotary nozzle I/min [GPM]
180 [2600]	17.0 [4.49]
200 [2900]	17.9 [4.73]
220 [3200]	18.8 [4.97]

This flow is less then most operators use when they are washing today but the whole idea about using a robot is that time is not so important anymore. Best result with the robot is achieved when it's allowed to clean the same space several times.

- The robot can wash up to 30 hours non-stop.\*
- Soaking and washing is normally done with the robot.
- Water consumption is less than 1 m3/hour.

## What kind of high-pressure washer?

A high-pressure washer with too big pump will by-pass the extra water or in worst case constantly start and stop. The incoming water is never completely clean and this by-pass causes a big wear on pump and valves. Too small pump and you will not get the pressure required.

Required specifications for the high-pressure washer:

- Water pressure: 180 220 bar
- Flow about 16-18 litres/min (1000 L/hour), higher flow is only a cost
- High quality, it's going to work long hours
- Automatic start/stop function
- Controlled with pressure switch. (there are also pumps controlled by a flow-switch. That, however, sometimes gives problems starting the pump since it's depending on the water flow on the farm which mostly goes up and down)

<sup>\*</sup>Depending on how demanding and efficient the programs are.

 $upuate: \\ 2024/05/21 \\ user\_manuals:high-pressure\_washer https://wiki.envirologic.se/doku.php/user\_manuals:high-pressure\_washer?rev=1716303373 \\ user\_manuals:high-pressure\_washer https://wiki.envirologic.se/doku.php/user\_manuals:high-pressure\_washer?rev=1716303373 \\ user\_manuals:high-pressure\_washer https://wiki.envirologic.se/doku.php/user\_manuals:high-pressure\_washer?rev=1716303373 \\ user\_manuals:high-pressure\_washer https://wiki.envirologic.se/doku.php/user\_manuals:high-pressure\_washer?rev=1716303373 \\ user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_manuals:high-pressure\_washer.php/user\_washer.php/user\_manuals:high-pressure\_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/user_washer.php/u$ 

## **Examples to buy:**

- KÄRCHER HD 10/25-4 S
- KRÄNZLE QUADRO 1000 TS
- RENO 195/18 with pressure switch
- RENO 220/18 with pressure switch

Remember to use a water filter with the incoming water to the high-pressure washer (filter placed before the high-pressure washer). Water isn't always clean and the particles make wear on the highpressure washer and the nozzle.

We recommend that you buy your high-pressure washer from the local dealer who can give you the best service.

https://wiki.envirologic.se/ - Envirologic Support Wiki

https://wiki.envirologic.se/doku.php/user\_manuals:high-pressure\_washer?rev=1716303373

Last update: 2024/05/21 07:56

https://wiki.envirologic.se/ Printed on 2025/03/13 02:57