

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 16 litres/minute at a pressure of 180 to 220 bars. This flow is less than 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 40 hours non-stop.*
 - Soaking and washing is normally done with the robot.
 - Water-consumption is less than 1 m³/hour.
- *Depending on how demanding and efficient the programs are.*

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. 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 – 250 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 pressure on the farm which mostly goes up and down)

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 high-pressure washer and the nozzle.

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

From:
<https://wiki.envirologic.se/> - **Envirologic Support Wiki**

Permanent link:
https://wiki.envirologic.se/doku.php/user_manuals:high-pressure_washer?rev=1600930103

Last update: **2020/09/23 23:48**

