

Kärcher Eco!ogic Pressure Washers

Kärcher are considered a market leader & a role model for other companies. Sustainability & environmental protection are fundamental to the thoughts & actions behind the company's 'eco!ogic' initiative. The eco!ogic range marks a new generation of units that effectively combines refined technology, outstanding performance, user-friendliness & environmental compatibility. These extremely efficient machines conserve resources & set new standards.



Kärcher's high quality eco!ogic units are market leaders in terms of environmental friendliness. They make it possible to use water according to specific needs which reduces overall water consumption.

Innovative technology & intelligent solutions facilitate the ideal handling of resources. The machines in the eco!ogic range consist of approximately 60% recycled material & contain no phthalates or PVC. Packaging for the eco!ogic machines is made of FSC cardboard & no styrofoam is used.



Features of Kärcher Eco!ogic Pressure Washers



The eco mode of the K3 - K7 pressure washers reduces water consumption by 20%. This eco mode is ideal for cleaning jobs that require less water - such as cleaning cars, bicycles or garden furniture.

The eco mode of the K3 - K7 pressure washers reduces energy consumption by 20%. Users can decide which cleaning tasks do not require full power & when to use the eco mode to save water & energy.



Kärcher carefully select the materials used in their pressure washers &, in doing so, take steps to ensure environmental compatibility while avoiding the use of hazardous materials such as phthalates & PVC.

Almost 60% of the plastic components used in Kärcher products are recycled. The packing the pressure washers are supplied in consists of 50% recycled material & no styrofoam is used. The other 50% of the packaging comes from sustainable forestry. All of the surfactants contained in Kärcher ecologic cleaning agents consist of renewable resources that are free of crude oil.



All of Kärcher's ecologic pressure washers are over 90% recyclable.

The K3 - K7 pressure washers can also use inexpensive process water. The machine can be fed from harvested water sources, such as water butts or rains barrels. This means no outdoor tap is required, expensive drinking water is saved & it's also good for the environment!



Kärcher K3 - K7 ecologic pressure washers are fitted with an innovative watercooled eco motor. These devices are very powerful, offer greater protection to the motor & have a particularly long service life - as well as being up to 10% lighter than non eco machines.

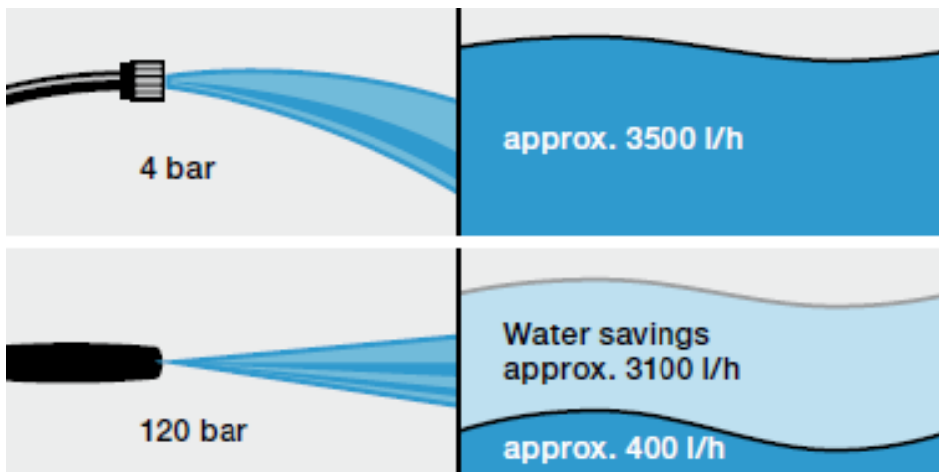
Like all Kärcher pressure washers, the ecologic K3 - K7 units are equipped with the patented nozzle technology that makes them a perfect match for pumps. In comparison to the competition, Kärcher machines feature a higher removal rate & cleaning efficiency. This means that you can clean up to 50% more quickly, saving up to 50% water & energy - remarkable advantages, scientifically confirmed by the renowned independent Fraunhofer Institut.



Kärcher Eco!ogic Pressure Washers – Water Conservation



Pressure washers save up to 3100 litres of water per hour compared to cleaning with a standard garden hose. Water is becoming increasingly scarce & for this reason Kärcher have always strived to conserve this vital resource as much as possible. Kärcher's continual development of pressure washer technology ensures good cleaning results with low water consumption. In comparison to cleaning with a standard garden hose, Kärcher pressure washers use around 80% less water. This benefits the environment while also saving the user money on their water bill!



Kärcher Eco!ogic Pressure Washers – Water Suction Hose



All Kärcher eco!ogic pressure washers are supplied with a water suction hose. This allows the pressure washers to be run from harvested water sources such as a water butt. Harvested rain water provides a useful, alternative water source during the inevitable hose pipe bans as well as helping to reduce your carbon footprint.



Kärcher Eco!ogic – Clean water for the world

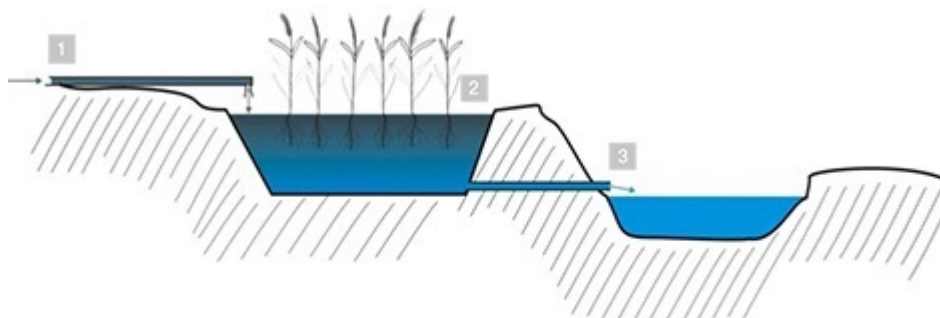
Kärcher not only produces resource saving devices but are also committed to water conservation. They have set up the 'Clean Water for the World' project in partnership with The Global Nature Fund (GNF), an international foundation that works to protect the environment & nature, including the preservation of water ecosystems. The 'Living Lakes' Project for example makes an important contribution for the protection of the natural resources worldwide & is actively supported by Kärcher.



For every eco!ogic pressure washer sold, additional money is donated to building biological water filtration systems around the world. Therefore, when you purchase a Kärcher eco!ogic appliance, you are automatically supporting the Global Nature Fund with waste water treatment as part of the 'Living Lakes' Project. Every purchase of a Kärcher eco!ogic series machine means 1,000 litres of purified water are given back to the world's lakes & rivers. Thus, your help reaches the place where it most urgently needed: the regions of this world that are most in need of development. The 'Living Lakes' Project protects and improves the ecological and biological diversity of rivers and lakes, especially in developing countries. This project has made a positive impact on the hygienic situation for the local population and reduces the number of diseases. The 'green filter principle' makes it possible.

Green filters are an innovative procedure for the treatment of waste water that works on the basis of natural plant-based waste water treatment system. A number of communities in developing countries already have a waste water system. However, there is frequently no sound waste water purification system that treats the domestic waste water, allowing it to flow back into rivers and lakes after it has been purified. This can lead to massive hygienic and health problems for residents - especially when this water is used for drinking or for personal hygiene.

Green filters prevent the pollution of the groundwater by unfiltered waste water. As the first step, a water channel is dug, through which the waste water will be conducted. In the channel, there are floating plants which develop large root balls and have excellent filtration properties. Thus nutrients, pollutants and even pathogens in the water can be reduced in a very natural way.



- 1 Waste water pipe through which the polluted water enters the green filter.
- 2 Aquatic plants with large balls of roots that filter and purify the polluted water.
- 3 The purified water flows into the river or lake via a natural slope.