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Abstract

## **Vacuum Pump**

Imagine yourself going back home after a long day. Your house is a mess, and you need to clean it, but using the vacuum only won't help. You need to get your hands dirty and clean the floor for instance with water too. It won't be just a tiring work, but also it will take a lot of your time, and that will get you tired. Therefore, one of the best solutions to this problem is the vacuum pump.

The vacuum pump, like its name, pumps a liquid (most probably water) and vacuum-cleans simultaneously. The first thing that will come into mind is the price. Its price won't be as high as expected, because adding to the vacuum machine cost, it only adds extra connections and a pump, which is not that expensive. This product cleans your home with water and vacuums both the water and dirt, which will help you save at least half of the time to clean, and that's the main benefit of this product.

From where does the water come from to clean? One should only fill a reservoir in the control unit, which is made of the reservoir, pump, vacuum fan and storage. When using the product, it will suck back most (if not all) of the water carrying the dust, store the dust, and filters back the water to use it again.

This product mentioned above is only for domestic use. It can also be implemented in other fields, like industrial cleaning, which maximizes work with minimal cleaning time. It can also be made at a smaller size, and used in the medical field, like for dentistry and surgeries.

In conclusion, this product will help people spend less time on cleaning, and use this time to do more productive stuff.