New graduations in the space hygiene

An innovation in the area of the space hygiene offers ***THE ENTERPRISE ALPHA*** to trading company GmbH from D-87785 Winterrieden with the multi function devices DD 3000 and DD 4000

By the application ***OF PATENTED*** 2 engines developed ***BY ALPHA*** separator technology get from customary vacuum cleaners or steam dummies required expensive dust bag or pore filter superfluous.

Since with the help of a new, groundbreaking technology of separate can become first during the whole cleaning process even all-smallest dirt particle and 'modern' poison materials (as for example formaldehyde) in the water without impairing the suction achievement or cleaning achievement. This guarantees an absolutely pure used air, as well as a surface disinfected by steam – what shows an especially interesting aspect for allergy sufferers and people with highest to claims to a healthy space climate.

This was with all technologies used up to now (dust bag in customary vacuum cleaners, or separators with customary 1 engine to aquatic filter vacuum cleaners) not really the case. Only the application of our patented 2-engines technology could remove these disadvantages first permanently. Since with this innovation necessary optimum speed is put for the cleaning achievement of the separator at all costs in every second available. This is during In - and cut-off process of eminent importance.

Furthermore the suction achievement can be regulated in this way first also during the company phase, e.g., for the adaptation to different carpet grounds, without loss of the cleaning achievement individually.

With the application of the devices DD 3000 and DD 4000 is guaranteed therefore first that in every company phase completely pure, filtered air gets without pollutions in the space air. This puts in accordance with Expert's circles a determining contribution ur reduction of the pollutant load; the space air, as well as the furnishings, as well as the wall layers and floor coverings in buildings.

An extensive accessories program optimizes our DD devices and allows a not achieved huge number up to now of application possibilities.

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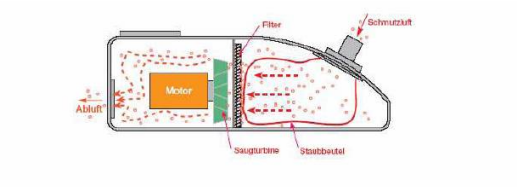
Functional way of different filter systems

a) the vacuum cleaner known in general



The classical vacuum cleaner generates a vacuum by means of a suction turbine. With a filter bag is "tried to soak up the dirt and dust.

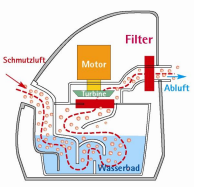
The problems:

By the soaked up dust and dirt the pores of the dust bag block very fast and they Suction achievement strongly decreases. (possible remedy: expensive filter change).

Soaked up dirt, e.g., animal hair lead to a strong odor nuisance at the work with „ such dust blower " (possible remedy additional even more expensive active filters plus filter change)

The small dust particle which the dust bag cannot filter will have blown in the space air and especially allergy sufferer it very much hard …

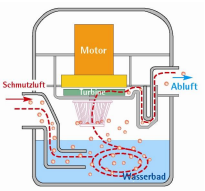
b) customary aquatic filter dummies



With this filter system the cleaning process already has the nature as a model, because raindrops likewise bind air pollutions of all kind.

Here dirt air is sucked by a bain-marie. Indeed, in this pollutions are bound in general like dust and animal hair, but also pollens, mite excrement, fungous spurs and bacteria to a part. Nevertheless, the problem is: a part of these pollutions remains enclosed in the air bubbles and is bound not in the bain-marie, but must be intercepted, in addition, by fliesartige filters. Therefore, one has in the principle again a "normal" vacuum cleaner – only that these pore filters become still very moist while using the device! Besides, such a system can also reduce the humidity of the used air barely to a normal measure. The results can be very problematic according to opinion of hygiene doctor.

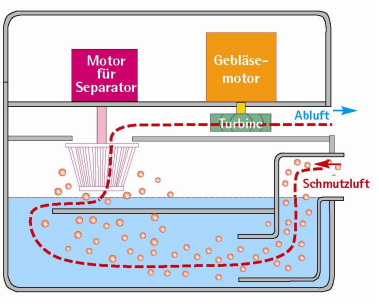
c) Separator technology with only one turbine



The use of a separator is already a clear progress. His functional way one can introduce himself simplistic like a wheel with spokes. The filter effect is dependent on the speed of the wheel and his spoke distances. According to construction method of the separator about 25,000 rotations per minute are to be reached necessary around the separation of the pollutions of the used air.

Nevertheless, the problem is here: while starting and switching off a considerable time is too low long the speed of the separator. The pollutions enclosed in the air bubbles are not thereby filtered and get back thus uncleaned in the space air. Therefore, devices of this kind, i.e. those with 1 engines need separator technology, likewise an additional filter to the connection of the pollutions not taken up in the bain-marie. From the same reason an individual regulation of the suction strength is also not possible.

d) Separator technology with patented two engines system from Alpha



This revolutionary device shows the ideal solution for allergy sufferers and, beyond it, is optimum for all that which no more would like to work with a common vacuum cleaner, or other customary aquatic filter vacuum cleaners.
Since the new and patented technology of the company ***ALPHA*** removes first all disadvantages of present systems and offers to the user a trendsetting device which guarantees an optimum separation of the dirt air for all application possibilities.
The special in the devices of the series DD 3000 and DD 4000 is the use of two engines. The first engine which needs a very high speed to the separation of the dirt water of the air drives the separator. The second, highly competitive engine provides for the impulse of the blower turbine. Besides, it is of determining importance that both engines time are switched off delaid in or.
If the DD is switched on, the separator turbine (1st engine) gets going itself first. Only if for the separation (water ↔ air) optimum speed is reached, the impulse of the blower turbine (2nd engine) is automatically switched on by a microprocessor. While switching off the device the same process occurs naturally in reverse order.
Only in this way is guaranteed that in every company phase really filtered air gets without pollutants in the space air. Besides, no more additional fine filters are required by this device also first.

Farther advantages of our DD system with the only sensible filter to which, therefore, also the nature already uses since primeval times: → water:

- ☛ **running costs save**
  the discontinuation of customary filter bags allows on years looked considerable ones Savings in the everyday application.
- ☛ **optimum suction achievement**
  with steady airflow, because no pore filters more is necessary, water cannot block!
- ☛ **fresh and clean space air**
  Dust, pollen and aerial pollutants become by the combination of water and 2-engines Separator technology first efficiently and finally to a healthy measure reduces.
- ☛ **blow air with excess pressue**
  e.g., dust behind piece of furniture out.
  Or also aerial balloons or air beds can be inflated.
- ☛ **congested drainages freely suck**
  easily with a special adaptor part from our varied and practical accessories program.
- ☛ **aromatisieren, parfümieren, medical**
  not only the cleaning of the air and Immune one from disagreeable smells, but also refreshing the space air with essential oils is for die to abovementioned applications in the easiest way possibly.
- ☛ **vacuum**
  if allows the lasting reduction of the tiresome house dust mite as well as their eggs on a measure completely unproblematic for person.
- ☛ **special engine technology**
  if an individual regulation of the suction achievement allows first, in each case optimally conformistly to the state of her Grounds, as for example different carpets, mattresses, parquet, let themselves dust etc. also all pieces of furniture, plants, paintings etc.
- ☛ **wet suck, wet clean and steam clean**
  fresh and old spots, e.g., on carpet grounds or pad can in general exclusively with water, easily are removed.
- ☛ **on a continuing basis much less amount of work involved**
  since the spaces remain, naturally after a basic cleaning with our DD, much longer clean. This saves terrifically in time.
- ☛ **farther areas of application and ranges of application, always with sensible background information**
  our team discusses you any time very much with pleasure extensively, competently and without obligations. We are glad about your establishment of contact