

Medium	Degree of pollution	After 30 minutes contained in the air in the room when appliance is running on max. power
Drinking water	Permissible 100 CFU/ml	
Air washer	Permissible 1.000 CFU/m ³	
Air in the room was polluted by 113/ m ³ of germs	113 CFU/m ³	
Water in the DELPHIN was filled up with 200 ml of 3x10 ⁵ CFU/ml each.	60.000.000 CFU in water bath	It has been proved that only 63 CFU/ m ³ remained in the outgoing air of the DELPHIN. This shows that the outgoing air of the DELPHIN is much cleaner (- 55 %) than the air sucked in from the room, even if the water is extremely polluted.

The same experiment was also carried out with **260 millions** of mould spores *Aspergillus* in the water basin:

Medium	Degree of pollution	Total of mould fungi Average CFU/m ³
Air in the room was measured three times before vacuuming.	20 CFU/m ³ 35 CFU /m ³ 15 CFU /m ³	15- 35CFU/m ³
Outgoing air - DELPHIN	15 CFU/m ³ 10 CFU /m ³ 0 CFU /m ³	0 - 15CFU/m ³
Water in the DELPHIN was filled up with 200 ml of 1,3x10 ⁶ CFU/ml each.	260.000.000 CFU in water basin	It has been proved that only 0-15 CFU / m ³ remained in the outgoing air of the DELPHIN. This shows that the outgoing air of the DELPHIN can actually be low in germs, even if the water is extremely polluted.