



# NANO FLOW

Advanced air purifying technology based on a unique know-how utilizing photocatalytic processes.

Filter-less, virtually maintenance free combining modern approaches to maximize users comfort

## 10 Reasons for getting NanoFlow New Generation unit

1. **Actively prevents complications from air-borne toxic substances** – this includes **viral (covid), bacterial** or other harmful substances (**formaldehyde, acetone, benzene**). Removing **allergens**, helping with **asthma**.
2. **More than disinfection** – continuously works while people around (**no UVC or O3 leakage**) – **lowering** the viral **contamination, lowering** the health **risks**.
3. **Direct and finite decomposition of toxic elements** into non-toxic ones. **No capture, no filter** – but transformation into **harmless products**.
4. **No need to check on and replace parts AKA filters** – reduced running costs and maintenance – **technology enables literally infinite longevity**.
5. **High efficiency** – **synergetic power** of photocatalysis and germicidal UV light.
6. Time proven and ISO certified action – longevity achieved through TiO<sub>2</sub> based solgel
7. **No filter = no limit** on minimal size of a toxic particle to capture – **works on molecular level**.
8. **Modern design** – wall on ready or practical **mobile solution**.
9. Silent yet sufficient adjustable air circulation power up to **400 m<sup>3</sup> per hour**.
10. Company's **own know-how**.



[www.nanocistickaviru.cz](http://www.nanocistickaviru.cz)

## Reference

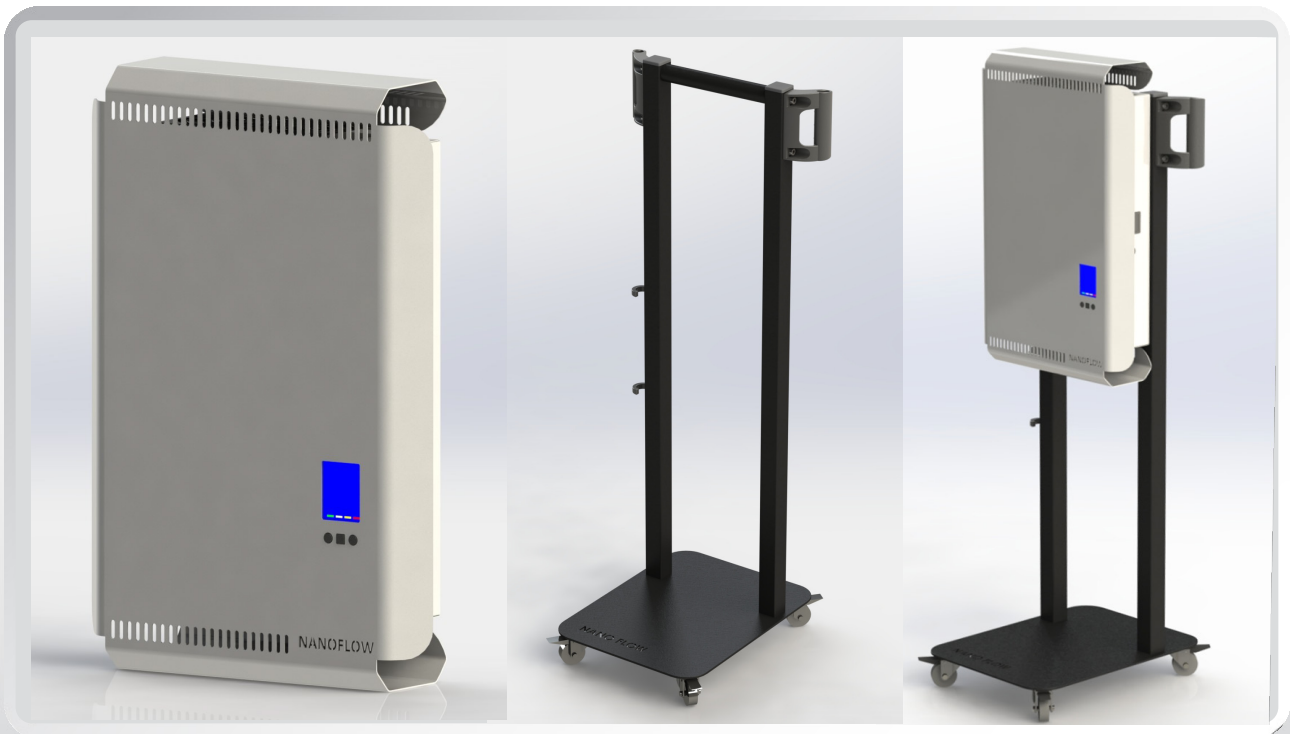
NanoFlow air purifiers were developed in cooperation with the TU in Liberec and the principle of operation is under patent protection. We also cooperate with institutions such as VŠCHT, Technopark Kralupy, Česko je nano or NanoSpace. The verification of effectiveness took place at the SZÚ, the Institute of Clinical Microbiology of the FN and the Faculty of Medicine of the UK in HK, the TU in Liberec, etc. Czech athletes carry NanoFlow with them on foreign trips, including the last trip to Tokyo and Beijing. There are also nanocleaners in the Tančící dům hotel, Prevedig or Spadia PCR test collection points, companies such as Veolia, Středočeské vodárny, or in the ICU at the hospital in Litoměřice. A reference is also the Drop In center or the Kapka naděje foundation.

*"Since the outbreak of the last pandemic, my team and I have been looking for virostats that will prevent the spread and multiplication of plus RNA viruses and will be able to treat viral diseases from the common cold to hepatitis C to covid-19. As part of this anti-coronavirus research, we also tested the antimicrobial effects of photocatalytic surfaces and found a very high efficiency in decomposition bacteria. We expect similar results, or even better, for viruses.,*

Mgr. et Mgr. Evžen Bouřa, Ph.D.

*Institute of Organic Chemistry and Biochemistry, head of the scientific team, winner of Česká Hlava 2020 - the highest award for scientists in the Czech Republic*

## OFFER



Effective prevention of the spread of viruses thanks to Czech nanotechnology

CONTACT INFORMATION

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