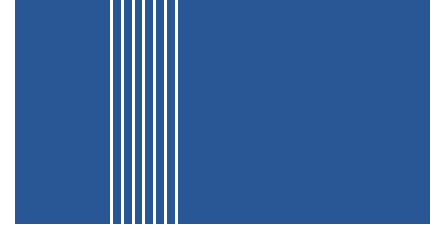


# COLD START AT SCHOOLS

... we just want to learn!



**VENTAFLEX®**

More efficiency in air guidance

School-age children are finally back in school after months of digital learning. Many experiments are being made to avoid letting mutual lessons in classrooms become a „superspreader-event“: Switching lessons is done with half of the class size, mobile air purifiers are set up and opening the windows every quarter of an hour to air is regulated. The result of this is a learning environment, which is characterized by unrest and constant freezing, because the permanent airing lowers the room temperature dramatically.

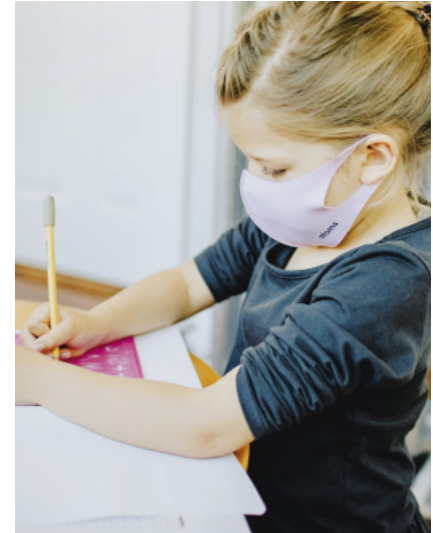
## Our responsibility for our children

The Covid19 situation has put into focus what has been discussed controversially when planning new building institutions for years: The creation of an ideal learning environment. This significantly needs the air quality in classrooms, which should mostly be free of germs, pollen and too high CO2-concentration and show a constant temperature in winter and summer time, which means a “thermal comfort” for the students.

## A part of the good solution are VENTAFLEX® air ducts

Independent studies \*) show that an ideal learning environment can be created especially at the new construction of schools, if an intelligent controlled, well-maintained HVAC-system is combined with the right air duct system. VENTAFLEX® air ducts are first choice products: They fulfill all necessary criteria like hygienic characteristics, insulation, tightness and easy cleaning in the aboveground parts of the building as well as in the underground.

\*) 2014: “Guideline for room air conditioning in schools when building new or renovating taking economical, ecological and sociocultural aspects into consideration” commissioned and carried out by the senate administration for urban development and environment (SenStadtUm) and the University of Applied Sciences in Engineering and Economics in Berlin (HTW Berlin).



## Sustainable solutions for the budget and environment – and for following student generations

A higher initial investment than the “classic” window air concepts amortizes within a short time. A positive energy balance, the structure-maintaining controlled ventilation and students having the chance to render a better performance pay off three times as much in the end. Different public funding projects, taking the KfW and BMU as an example, give a financial incentive for a future-oriented planning of new education institutions.



## Current examples: Application in schools and daycare centers

Everything done right!  
The construction projects in Dresden and Hünfeld were future oriented and sustainably planned for our children with the use of underground air ducts of VENTAFLEX®.

Corona will continue to be with our society for a long time – it is important to find intelligent solutions to handle the situation better in future. That is why a recommendation of the Federal Environment Agency says: “Due to health and sustainability reasons perspective all densely occupied event rooms in schools and education institutions should be equipped or rather retrofitted with HVAC systems.”

**VENTAFLEX® air ducts are part of this solution. Contact us!**

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