

Press release

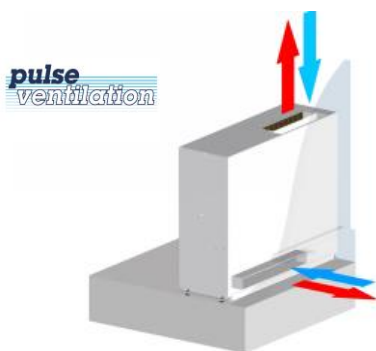
Specimen copy requests:
LTG Aktiengesellschaft
Press Office
Grenzstrasse 7, 70435 Stuttgart
Germany

Energy efficient distributed air conditioning – with LTG units for offices, classrooms or meeting rooms

Stuttgart, 14.03.2017

With the units from the PulseVentilation and Eco₂School series, LTG Aktiengesellschaft offers decentralised ventilation units that provide for a high level of air-conditioned comfort. These decentral solutions do not require any bulky air duct systems such as those typically found in centralised ventilation systems. This saves space and at the same time avoids pressure losses due to the transport of air. The decentral technology also simplifies individual ventilation and temperature control depending on room. This increases the comfort levels in the room and conserves resources.

Decentralised ventilation unit FVP*pulse* now also available for sill installation

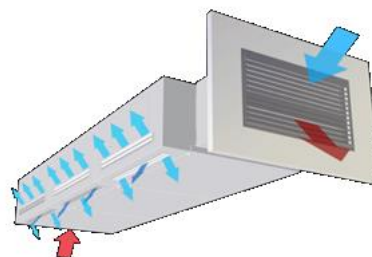


In addition to the under-floor solution, the LTG decentralised ventilation unit FVP*pulse* is now also available in a sill variant.

The FVP*pulse* series is specially designed to suit offices and meeting rooms. The decentralised ventilation units from LTG Aktiengesellschaft work with only one façade opening: outside air is sucked in by the device in a cyclical process, and exhaust air is expelled by the same route - a valve system controls the air flow direction. The resulting non-stationary flow produces a "breathing building", which provides a very natural feel. Recently, in addition to FVP*pulse* floor devices the company has added a sill variant, which enables distributed air conditioning to be used in rooms without a double floor. The units also support operation modes such as overnight ventilation or pure supply air mode. The latter is best for use on hot summer days, to supply maximum levels of cool air into the building and to allow the warm air to escape through louvred windows.

New FVS Eco₂School ventilation unit for schools

For high air flow rates such as those required in larger classrooms, the LTG Aktiengesellschaft offers the FVS decentral air conditioning units. In addition to the tried and tested model, a larger unit is now available for up to 1000 m³/h outside air. The units can be controlled either according to time of day or dependent on the CO₂ concentration or both, which ensures energy-saving-on-demand usage. Thanks to the integrated sound attenuators, they run quietly even at full load. F7-filters retain particles.



With an air flow rate of up to 1000 m³/h, the new, decentralised FVS Eco₂School school ventilation unit also copes with the fresh air needs of larger student groups.

Both the FVS school ventilation units and the FVP*pulse* units designed for offices have high-efficiency heat recovery and energy-saving fans, which conserves resources and keeps operating costs low.

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About the company:

The LTG was founded in 1924 by Dr. Albert Klein. As the first specialist contractor for air-conditioning and ventilation technology in Europe, it is still a byword for innovation, quality and reliability in all areas of air-conditioning technology.

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