

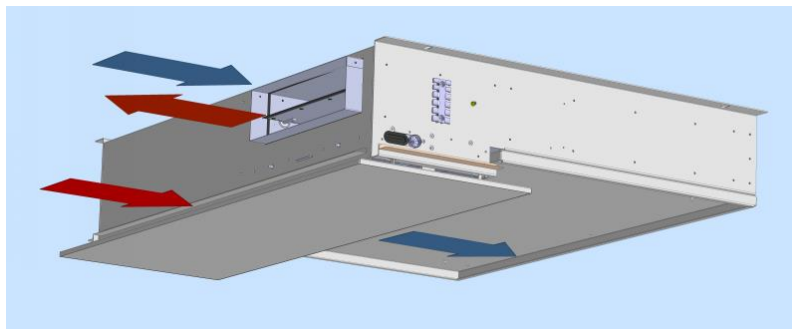
Stuttgart, 12 March 2019

Local ceiling unit FVP*pulse* D for the "breathing" building

LTG's FVP*pulse* series has already won the innovation award of Baden-Württemberg. Model D will now supplement it with a third variation for ceiling installation. The FVP*pulse* D also needs only a single façade opening to take in outdoor air and blow out its exhaust. The "PulseVentilation" controls the air direction using a valve system. This allows buildings to "breathe". Inhalation and exhalation of the devices is perceived as very natural. It achieves high thermal comfort (category A in accordance with DIN EN ISO 7730). Apart from pulsating operation, these devices permit simple implementation of demand-oriented ventilation and special ventilation concepts such as cross-flow/night ventilation or hybrid ventilation (strict supply air operation with increased cooling).

The FVP*pulse* D façade ventilation units filter the inflowing air and adjust its temperature. In heating operation, the efficient and frost-protected heat recovery warms up the inlet air, often rendering subsequent heating unnecessary. Condensing operation at high performance can be used for cooling. The air impulse throughput of up to 240 m³/h leads to a strong air jet that penetrates deeply into the room near the ceiling. This air guidance ensures good mixture with room air and accordingly low air speeds and differential temperatures where people are present. Integrated baffle plates make it possible to adjust the inflow to the room.

The FVP*pulse* D façade ventilation units are quite silent, running with a sound power of only up to 45 dB(A). The ceiling panels that are available as accessories can serve as design, acoustic or light elements. They can also be integrated into a cooling sail arrangement to increase heating and cooling output.



You can download a printable image via this [link](#).

The company:

LTG was founded in 1924 by Dr. Albert Klein. The first company specialized in HVAC products in Europe is still representing innovation, quality and dependability in all areas of air related technology.

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