Energy-efficient Heating and Cooling

Induction Unit for Parapet Installation HFG

The induction unit for any application – equally suitable for new construction and renovation objects.
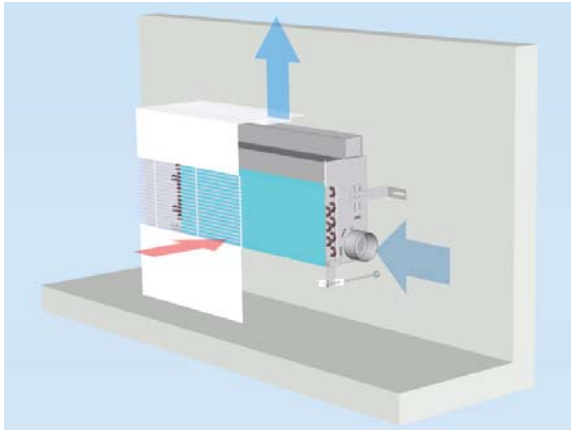
- **High comfort** by LTG mixed/displacement ventilation
- Many versions are suitable **even for special requirements** like narrow or low parapets
- **High heating /cooling output**
- **Low-maintenance, proven and robust**
- Air volume and pressure can be **selected individually**

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Air-water systems
Induction unit for sills type HFG, low construction depth

Induction unit with high caloric heating and cooling capacity for installation in sills with casing provided by others.
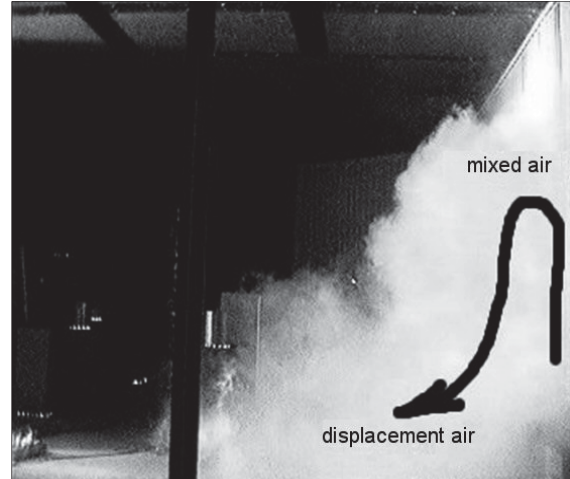
Installation

Special features

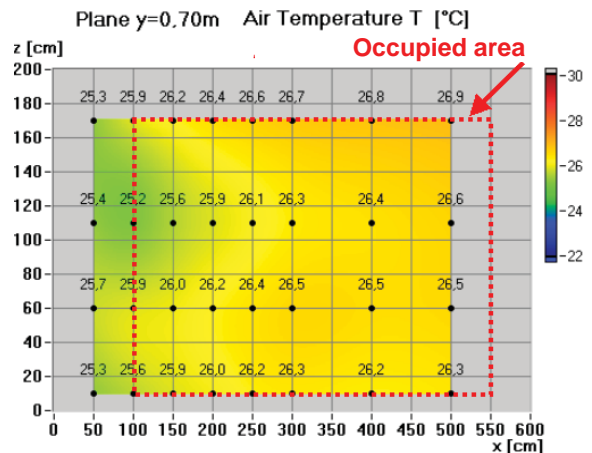*Mixed/displacement airflow visualization (example), demonstrated in the LTG airflow lab*

Features

- **Space saving** due to low construction depth of only 185 mm.

- Particularly aerodynamically shaped nozzles for **reducing the sound level and increasing the induction**.

- **Optimum design for users** thanks to flexible nozzle configuration.

- Air baffle elements for an **optimized and patented LTG mixed/displacement airflow**, adjustable for different room geometries.

- Replaceable nozzles for **subsequent flow rate adjustment** in the event of a change in use.

- Optimized component arrangement and injectors for top aerodynamic energy conversion of the primary air flow for **high energy efficiency**.

- Heat exchanger for efficient room heating due to **natural convection**

- **Highly tight primary air box**.

- **Sturdy design**, corrosion-protected enclosure for long operating times.

- **High comfort** due to low air speeds and very low sound power levels with high cooling and heating output

- Optional with aluminium nozzles for **increased fire protection**.

- **Great variety of LTG accessories**, among others control units, valves, flexible tubes, dampers, outlet grilles, line pressure controller etc.

Capture of measuring data (example) as part of the LTG Engineering Services