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First unit installed at Immanuel Hospital in Berlin: Viessmann develops new ventilation solution for hospital to combat Corona pandemic

- **Hybrid ventilation solution reduces aerosols in waiting rooms**
- **CO2 and VOC (Volatile Organic Compounds) levels significantly reduced**
- **High air exchange rate due to fresh air supply and HEPA filter**
- **Viessmann Foundation donates 50 units for schools and social institutions**

Berlin/Allendorf (Eder), May 07, 2021 - The nationwide lockdown in November made necessary by the high infection figures of the second corona wave is also accompanied by considerable restrictions during the current third wave. This makes it all the more important to continue safeguarding the indispensable work in public institutions such as hospitals.

To make a decisive contribution to the solution, Viessmann has developed Vitovent 200-P, a new air purification unit. These are unique hybrid ventilation units that permanently supply rooms with fresh air and simultaneously perform air purification. Permanent air circulation reduces aerosols and keeps closed rooms supplied with fresh outside air so that, for example, patients in waiting rooms are protected in the best possible way against virus infection.

"As a 104-year-old family-owned company, we are committed to designing living spaces for future generations," says Viessmann co-CEO Maximilian Viessmann. "Now we need to protect people in the short term and in a pragmatic way to maintain a part of society's life and large-scale access to hospitals in these challenging times."

Roy J. Noack, CEO of Immanuel Hospital Berlin: "As a hospital, we are already protecting employees and patients during the pandemic with comprehensive hygiene measures, ongoing testing and a vaccination campaign. We are very grateful to now have another important component to prevent infection with the coronavirus and other airborne diseases with the generous donation of the air purification device. Because protection is particularly important for our often immunocompromised rheumatology patients, we are using the device in the waiting room of the rheumatology outpatient clinic."

Vitovent 200-P uses a technology called "displacement flow principle": by means of a fresh air supply at floor level and the body's own upward flow, direct and permanent air circulation is ensured. Consequently, stale air rises to the top, is then fed into the units and cleaned there before being fed back into the room as fresh air at floor level. The permanent fresh air supply with heat and moisture recovery ensures a comfortable atmosphere and good air quality even without window ventilation.

Vitovent 200-P units have already been successfully tested in a number of pilot projects, for example at the Hans Viessmann vocational school in Frankenberg in northern Hesse or a

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dermatologist's practice in Marburg. Feedback from patients, students and teachers has also been consistently positive.

In particular, the very quiet running of the unit and the comfortable indoor climate are positively highlighted - as is the elimination of frequent ventilation, which poses an additional health risk when outside temperatures are very low in winter, dries out the indoor air excessively and drives up energy consumption and CO2 emissions in the buildings.

The units are easy and inexpensive to retrofit with the replacement of a window pane with an isopanel. They therefore offer the possibility of keeping heavily occupied common rooms and public facilities open despite a generally high risk of infection.

The Viessmann Group in cooperation with the Foundation had announced that it would donate the first 50 Vitovent 200-P air purification units, worth a six-figure sum, to hospitals, schools and social institutions and assume the full cost of installation. In this way, the company is living up to its purpose "We create living spaces for generations to come" to a great extent. More information about the operating principle and how to apply for one of the donated units is available at:

viessmann.com/forgenerations

Full technical details and how to request a consultation are available here:

viessmann.com/breathe_up

At the beginning of the pandemic outbreak, Viessmann had already successfully demonstrated that the company was making a measurable contribution to social responsibility by developing and providing respirators, mouth-nose protection and disinfectants at short notice - all combined as "ViAid".

Caption:

Waiting room, once the handing over people from left to right:

Roy J. Noack, Managing Director Immanuel Krankenhaus Berlin, Martin Rossmann, Project Manager Vitovent Viessmann, Prof. Dr. Andreas Krause, Chief Physician of the Department of Rheumatology Immanuel Krankenhaus Berlin.

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