

**Ventilation concept
for on-site operations
at the Julius-Maximilians-Universität Würzburg**

The basis for conducting on-site operations at the Julius-Maximilians-Universität Würzburg is the observance of the general regulations of infection protection, i.e. the Protection against Infection Act (IfSG), the COVID-19 Protective Measures Exemption Ordinance (SchAusnahmV) and the Bavarian Infection Protection Measures Ordinance (BayIfSMV), as well as the framework concept developed by the Universität Bayern e.V. with the Bavarian State Ministries of Science and Art as well as Health and Care and the following rules of the university's ventilation concept based on these regulations. The rules described here must be strictly observed when conducting on-site events and using rooms of the university.

The University of Würzburg has stipulated in its infection protection concepts that a regular exchange of air has to be ensured. This is because increased ventilation reduces the concentration of possible virus-laden aerosols in the room air. Based on the technical rules for workplaces (ASR A3.6 "Ventilation"), the following regulations apply to ventilation at the university:

The ventilation categories are divided as follows:

- **A = Technical ventilation available**
- **B = Free ventilation. Minimum opening area of windows sufficient**
- **C = Free ventilation. Minimum opening area of windows not sufficient**

A. Technical ventilation available

The ventilation systems are set to operate with 100% outside air or the required proportion of outside air by the university. Due to the technical fresh air supply, the desired value for air exchange per person is always achieved.

B. Free ventilation. Minimum opening area of windows sufficient

Free ventilation is provided by windows. The most effective way of free ventilation is with wide open windows and also with additional wide open doors. For this purpose, the

technical regulations for workplaces (ASR A3.6 “Ventilation”) recommend the following measures:

- **Inrush airing** is understood to be a short-term (about 3 minutes in winter, up to 10 minutes in summer), intensive exchange of air.
 - Inrush airing should be carried out at regular **intervals** as required. The reference values are the following:
 - office rooms at least every 60 minutes
 - meeting rooms every 20 minutes
 - The **minimum duration** of inrush airing is based on the following orientation values:
 - summer: up to 10 minutes (taking into account the outside air temperature)
 - spring/autumn: 5 minutes
 - winter: 3 minutes
 - **Before and after events**, all rooms must be ventilated for at least 15 minutes.
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C. Free ventilation. Minimum opening area of windows not sufficient

These rooms are not available and must be kept locked. The university is looking for possibilities to improve the ventilation situation of this category.

The **event rooms** of the university – with an area larger than 70 sqm – have been inspected and assigned to a ventilation category according to the above classification A. to C. The ventilation category describes the measures to be taken for air exchange before, during and after the use of an event room. The assignment to the respective ventilation category can be found in the room list; the ventilation of rooms must be based on this list (www.uni-wuerzburg.de/en/novel-coronavirus/forms).