

## Vienna Climatic Wind Tunnel – Rail Tec Arsenal (RTA)

### “Passenger comfort, safety and availability in all weather conditions“

- Climatic tests are required to verify passenger comfort, safety and availability of modern rail vehicles at an early project stage and to guarantee these qualities in large-scale production.
- Large international rail vehicle manufacturers hold shares in the operating company of the new climatic wind tunnel in order to safeguard the required testing capacity for real and reproducible climatic tests on a long-term basis.
- Rail Tec Arsenal is a neutral and objective research and testing institute for climatic testing of rail vehicles.
- The data obtained in the course of the tests are forwarded only to the client; strict confidentiality and data protection are guaranteed.
- All clients are treated equally (same prices and terms).
- Rail Tec Arsenal, the operator of the new climatic wind tunnel, continues the tradition of the Vienna Arsenal as an international centre of expertise for climatic tests by taking over all experts from the old vehicle testing station (which was closed down at the end of 2002).
- Contract testing of vehicles is complemented by studies within the framework of European research projects. The many years of experience and continuously updated technical knowledge of RTA staff are also available in the form of consulting services (e.g. in vehicle development and design).
- Rail Tec Arsenal will continue to play an active role in the further development of climate related standards in international bodies (UIC, CEN).
- The climatic wind tunnel is also available for other means of transport (busses, cable cars, trucks etc.).